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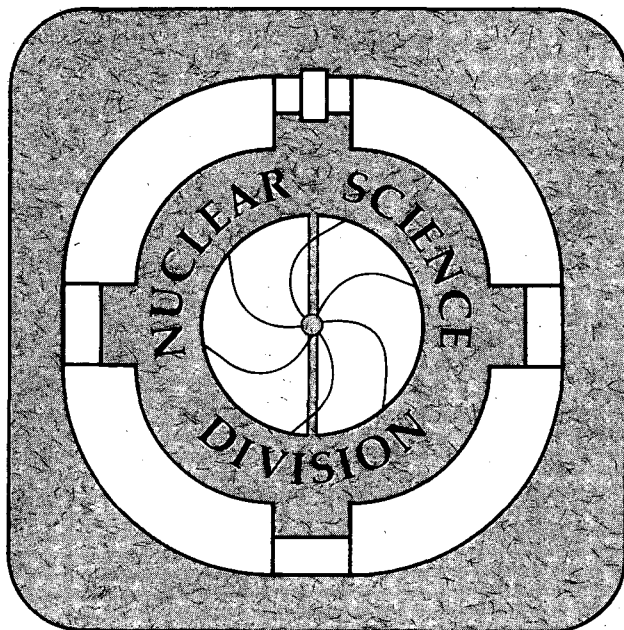
W.D. Myers and W.J. Swiatecki

December 1994

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Table of Nuclear Masses according to the 1994 Thomas-Fermi Model

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This is a table of nuclear masses based on the Thomas-Fermi model developed in Ref. 1, but with parameters determined recently by fitting to nuclear masses and other nuclear properties as described in W.D. Myers & W.J. Swiatecki, "Nuclear Properties According to the Thomas-Fermi Model", Lawrence Berkeley Laboratory preprint LBL-36557, December, 1994, submitted to Nuclear Physics A. This preprint is reproduced following the table.

The table is also available by "anonymous" ftp as pub/myers/ms-mass-table from nsdssd.lbl.gov.

The following quantities are listed in the table (all masses in MeV):

Z	Proton number.
N	Neutron number.
A	Mass number.
CHP	Thomas-Fermi proton chemical potential.
CHN	Thomas-Fermi neutron chemical potential.
TF	Thomas-Fermi binding energy.
SHL	Shell effect taken from Ref. 2, Table 1, for N,Z $\leq$ 29 and from Ref.3, column E_{mic} , for the remaining nuclei.
EVOD	Even-odd correction based on Ref. 3 viz.,
	$4.8/N^{1/3} + 4.8/Z^{1/3} - 6.6/A^{2/3} + 30/A$ N=Z, odd
	$4.8/N^{1/3} + 4.8/Z^{1/3} - 6.6/A^{2/3}$ N and Z odd
	$4.8/Z^{1/3}$ N even, Z odd
	$4.8/N^{1/3}$ N odd Z even
	0 N and Z even
CONG	Congruence energy:
	$CONG = -10 \exp(-42 I /10)$, where $I = (N-Z)/A$
BE,TH	Theoretical binding energy:
	$BE,TH = TF + SHL + EVOD + CONG$
M,TH	Theoretical atomic mass (excess):
	$M,TH = BE,TH + M_n + M_H - 0.00001433Z^{2.39}$,
	where $M_n = 8.071431$ and $M_H = 7.289034$
M,EX	Experimental atomic mass from Ref. 3 (and Ref. 4 for N,Z < 8).
"SHL"	"Experimental" shell effect i.e., what the shell effect would have to be to ensure exact agreement with experiment: "SHL" = $SHL + (M,EX - M,TH)$
EX-TH	Difference between experimental and theoretical masses:
	$EX-TH = M,EX - M,TH$.

References

1. W.D. Myers and W.J. Swiatecki, *Ann. of Phys.* **204** (1990) 401.
2. W.D. Myers and W.J. Swiatecki, *Nucl. Phys.* **81** (1966) 1.
3. P. Möller, J.R. Nix, W.D. Myers and W.J. Swiatecki, "Nuclear Ground State Masses and Deformations," Los Alamos preprint LA-UR-93-3083, Aug. 16, 1993, to be published in the Atomic Data and Nuclear Data Tables.
4. G. Audi and A.H. Wapstra, *Nucl. Phys.* **A565** (1993) 1.

Z	N	A	CHP	CHN	TF	SHL	EVOD	CONG	BE,TH	M,TH	M,EX	"SHL"	EX-TH
1	1	2	-4.8	-5.5	-6.10	-1.78	20.4	-10.00	2.56	17.92	13.14	-6.56	-4.79
1	2	3	-12.7	-1.0	-9.00	-1.59	4.80	-2.47	-8.25	15.18	14.95	-1.82	-0.23
1	3	4	0.0	0.0	0.00	-0.40	5.51	-1.22	0.00	0.00	26.00	0.00	0.00
1	4	5	0.0	0.0	0.00	0.00	4.80	-0.80	0.00	0.00	38.49	0.00	0.00
1	5	6	0.0	0.0	0.00	1.23	5.61	-0.61	0.00	0.00	41.86	0.00	0.00
1	6	7	0.0	0.0	0.00	-0.88	4.80	-0.50	0.00	0.00	0.00	0.00	0.00
1	7	8	0.0	0.0	0.00	-1.32	5.66	-0.43	0.00	0.00	0.00	0.00	0.00
1	8	9	0.0	0.0	0.00	-0.66	4.80	-0.38	0.00	0.00	0.00	0.00	0.00
2	1	3	0.1	-13.1	-8.01	-1.59	4.80	-2.47	-7.27	15.38	14.93	-2.04	-0.45
2	2	4	-6.2	-7.5	-18.29	-1.51	0.00	-10.00	-29.80	0.92	2.42	0.00	1.50
2	3	5	-11.8	-3.7	-23.71	-0.51	3.33	-4.32	-25.22	13.57	11.39	-2.70	-2.19
2	4	6	-16.1	-1.4	-26.18	-0.14	0.00	-2.47	-28.79	18.08	17.59	-0.63	-0.48
2	5	7	-19.1	-0.2	-26.91	0.98	2.81	-1.65	-24.78	30.16	26.11	-3.07	-4.05
2	6	8	0.0	0.0	0.00	-0.93	0.00	-1.22	0.00	0.00	31.60	0.00	0.00
2	7	9	0.0	0.0	0.00	-1.33	2.51	-0.97	0.00	0.00	40.82	0.00	0.00
2	8	10	0.0	0.0	0.00	-0.72	0.00	-0.80	0.00	0.00	0.00	0.00	0.00
2	9	11	0.0	0.0	0.00	1.50	2.31	-0.69	0.00	0.00	0.00	0.00	0.00
2	10	12	0.0	0.0	0.00	1.61	0.00	-0.61	0.00	0.00	0.00	0.00	0.00
3	1	4	0.0	0.0	0.00	-0.40	5.51	-1.22	0.00	0.00	25.32	0.00	0.00
3	2	5	-1.9	-13.1	-22.14	-0.51	3.33	-4.32	-23.64	14.37	11.68	-3.21	-2.69
3	3	6	-6.7	-8.6	-32.88	0.24	9.66	-10.00	-32.99	13.09	14.09	1.23	0.99
3	4	7	-11.2	-5.4	-39.79	0.50	3.33	-5.49	-41.45	12.70	14.91	2.70	2.21
3	5	8	-14.8	-3.2	-44.00	1.47	4.49	-3.50	-41.54	20.68	20.94	1.73	0.26
3	6	9	-17.9	-1.6	-46.34	-0.33	3.33	-2.47	-45.81	24.49	24.95	0.14	0.47
3	7	10	-20.2	-0.5	-47.39	-0.75	4.42	-1.86	-45.59	32.78	33.44	-0.08	0.66
3	8	11	0.0	0.0	0.00	-0.21	3.33	-1.48	0.00	0.00	40.79	0.00	0.00
3	9	12	0.0	0.0	0.00	1.85	4.38	-1.22	0.00	0.00	0.00	0.00	0.00
3	10	13	0.0	0.0	0.00	1.94	3.33	-1.04	0.00	0.00	0.00	0.00	0.00
3	11	14	0.0	0.0	0.00	1.98	4.35	-0.91	0.00	0.00	0.00	0.00	0.00
3	12	15	0.0	0.0	0.00	1.19	3.33	-0.80	0.00	0.00	0.00	0.00	0.00
4	1	5	0.0	0.0	0.00	0.00	4.80	-0.80	0.00	0.00	0.00	0.00	0.00
4	2	6	0.6	-17.1	-22.68	-0.14	0.00	-2.47	-25.29	20.01	18.37	-1.78	-1.64
4	3	7	-3.1	-13.0	-37.70	0.50	3.33	-5.49	-39.37	14.00	15.77	2.26	1.77
4	4	8	-7.0	-9.3	-48.78	0.71	0.00	-10.00	-58.08	3.37	4.94	2.28	1.58
4	5	9	-10.6	-6.6	-56.68	1.60	2.81	-6.27	-58.55	10.97	11.35	1.98	0.38
4	6	10	-13.8	-4.5	-62.16	-0.09	0.00	-4.32	-66.56	11.02	12.61	1.50	1.58
4	7	11	-16.6	-2.9	-65.82	-0.49	2.51	-3.18	-66.98	18.67	20.17	1.01	1.50
4	8	12	-18.9	-1.7	-68.10	0.00	0.00	-2.47	-70.56	23.16	25.08	1.91	1.91
4	9	13	-20.9	-0.8	-69.33	1.94	2.31	-1.99	-67.07	34.73	35.16	2.37	0.43
4	10	14	-22.4	-0.1	-69.77	2.02	0.00	-1.65	-69.40	40.47	39.88	1.44	-0.59
4	11	15	0.0	0.0	0.00	2.06	2.16	-1.41	0.00	0.00	0.00	0.00	0.00
4	12	16	0.0	0.0	0.00	1.30	0.00	-1.22	0.00	0.00	0.00	0.00	0.00
4	13	17	0.0	0.0	0.00	1.47	2.04	-1.08	0.00	0.00	0.00	0.00	0.00
4	14	18	0.0	0.0	0.00	0.03	0.00	-0.97	0.00	0.00	0.00	0.00	0.00
5	1	6	0.0	0.0	0.00	1.23	5.61	-0.61	0.00	0.00	0.00	0.00	0.00
5	2	7	0.0	0.0	0.00	0.98	2.81	-1.65	0.00	0.00	27.87	0.00	0.00
5	3	8	-0.6	-16.5	-39.47	1.47	4.49	-3.50	-37.02	23.64	22.92	0.75	-0.72
5	4	9	-3.8	-12.9	-54.14	1.60	2.81	-6.27	-56.01	12.72	12.42	1.29	-0.31
5	5	10	-7.1	-9.9	-65.49	2.36	7.19	-10.00	-65.93	10.87	12.05	3.55	1.18
5	6	11	-10.2	-7.4	-74.11	0.74	2.81	-6.83	-77.38	7.49	8.67	1.92	1.18
5	7	12	-13.0	-5.5	-80.55	0.31	4.06	-4.97	-81.15	11.80	13.37	1.88	1.57
5	8	13	-15.5	-4.0	-85.26	0.73	2.81	-3.79	-85.52	15.50	16.56	1.80	1.06
5	9	14	-17.7	-2.7	-88.60	2.55	3.98	-3.01	-85.08	24.00	23.66	2.21	-0.34
5	10	15	-19.6	-1.8	-90.83	2.60	2.81	-2.47	-87.89	29.27	28.97	2.30	-0.30
5	11	16	-21.3	-1.0	-92.18	2.62	3.93	-2.07	-87.71	37.52	37.14	2.23	-0.38
5	12	17	-22.7	-0.3	-92.82	1.86	2.81	-1.77	-89.93	43.37	43.72	2.20	0.34
5	13	18	0.0	0.0	0.00	2.01	3.89	-1.55	0.00	0.00	52.32	0.00	0.00
5	14	19	0.0	0.0	0.00	0.60	2.81	-1.37	0.00	0.00	59.36	0.00	0.00
5	15	20	0.0	0.0	0.00	0.59	3.86	-1.22	0.00	0.00	0.00	0.00	0.00
5	16	21	0.0	0.0	0.00	1.15	2.81	-1.11	0.00	0.00	0.00	0.00	0.00
6	1	7	0.0	0.0	0.00	-0.88	4.80	-0.50	0.00	0.00	0.00	0.00	0.00
6	2	8	0.0	0.0	0.00	-0.93	0.00	-1.22	0.00	0.00	35.09	0.00	0.00
6	3	9	1.2	-19.2	-39.11	-0.33	3.33	-2.47	-38.58	29.37	28.91	-0.78	-0.45
6	4	10	-1.4	-16.0	-56.72	-0.09	0.00	-4.32	-61.13	14.89	15.70	0.72	0.81

6	5	11	-4.3-12.9	-71.15	0.74	2.81	-6.83	-74.42	9.67	10.65	1.73	0.98
6	6	12	-7.1-10.3	-82.72	-0.69	0.00	-10.00	-93.41	-1.25	0.00	0.56	1.25
6	7	13	-9.8-8.1	-91.90	-1.03	2.51	-7.24	-97.66	2.58	3.13	-0.48	0.55
6	8	14	-12.3-6.3	-99.10	-0.56	0.00	-5.49	-105.14	3.16	3.02	-0.70	-0.14
6	9	15	-14.5-4.9	-104.67	1.23	2.31	-4.32	-105.45	10.93	9.87	0.18	-1.06
6	10	16	-16.6-3.6	-108.90	1.34	0.00	-3.50	-111.06	13.39	13.69	1.65	0.30
6	11	17	-18.4-2.6	-112.02	1.41	2.16	-2.91	-111.36	21.16	21.04	1.29	-0.12
6	12	18	-20.1-1.8	-114.21	0.73	0.00	-2.47	-115.95	24.64	24.92	1.01	0.28
6	13	19	-21.5-1.1	-115.64	0.91	2.04	-2.13	-114.81	33.85	32.83	-0.10	-1.02
6	14	20	-22.8-0.5	-116.43	-0.41	0.00	-1.86	-118.71	38.03	37.56	-0.88	-0.47
6	15	21	-23.9-0.1	-116.71	-0.38	1.95	-1.65	-116.80	48.00	45.96	-2.43	-2.04
6	16	22	0.0 0.0	0.00	0.19	0.00	-1.48	0.00	0.00	52.58	0.00	0.00
6	17	23	0.0 0.0	0.00	0.46	1.87	-1.34	0.00	0.00	0.00	0.00	0.00
6	18	24	0.0 0.0	0.00	0.81	0.00	-1.22	0.00	0.00	0.00	0.00	0.00
7	1	8	0.0 0.0	0.00	-1.32	5.66	-0.43	0.00	0.00	0.00	0.00	0.00
7	2	9	0.0 0.0	0.00	-1.33	2.51	-0.97	0.00	0.00	0.00	0.00	0.00
7	3	10	0.0 0.0	0.00	-0.75	4.42	-1.86	0.00	0.00	39.70	0.00	0.00
7	4	11	0.4-18.6	-57.20	-0.49	2.51	-3.18	-58.36	24.94	24.96	-0.48	0.02
7	5	12	-2.0-15.6	-74.28	0.31	4.06	-4.97	-74.87	16.50	17.34	1.14	0.83
7	6	13	-4.6-13.0	-88.54	-1.03	2.51	-7.24	-94.29	5.16	5.34	-0.84	0.19
7	7	14	-7.1-10.6	-100.30	-1.33	6.03	-10.00	-105.61	1.91	2.86	-0.38	0.95
7	8	15	-9.5-8.7	-109.93	-0.87	2.51	-7.56	-115.85	-0.26	0.10	-0.51	0.36
7	9	16	-11.7-7.0	-117.75	0.86	3.78	-5.92	-119.03	4.64	5.68	1.90	1.04
7	10	17	-13.7-5.6	-124.04	0.98	2.51	-4.77	-125.31	6.42	7.87	2.43	1.45
7	11	18	-15.6-4.4	-129.03	1.06	3.71	-3.93	-128.19	11.61	13.12	2.56	1.50
7	12	19	-17.4-3.4	-132.92	0.42	2.51	-3.31	-133.31	14.57	15.86	1.70	1.29
7	13	20	-19.0-2.5	-135.88	0.61	3.65	-2.84	-134.46	21.50	21.77	0.88	0.27
7	14	21	-20.4-1.8	-138.04	-0.67	2.51	-2.47	-138.66	25.36	25.23	-0.79	-0.13
7	15	22	-21.7-1.2	-139.52	-0.63	3.61	-2.17	-138.71	33.38	32.08	-1.93	-1.30
7	16	23	-22.9-0.6	-140.43	-0.07	2.51	-1.93	-139.92	40.24	37.74	-2.58	-2.51
7	17	24	-23.9-0.2	-140.85	0.20	3.58	-1.74	-138.81	49.43	47.04	-2.19	-2.39
7	18	25	0.0 0.0	0.00	0.55	2.51	-1.58	0.00	0.00	0.00	0.00	0.00
7	19	26	0.0 0.0	0.00	0.77	3.56	-1.44	0.00	0.00	0.00	0.00	0.00
7	20	27	0.0 0.0	0.00	0.68	2.51	-1.32	0.00	0.00	0.00	0.00	0.00
8	3	11	0.0 0.0	0.00	-0.21	3.33	-1.48	0.00	0.00	0.00	0.00	0.00
8	4	12	0.0 0.0	0.00	0.00	0.00	-2.47	0.00	0.00	32.06	0.00	0.00
8	5	13	-0.2-18.0	-75.38	0.73	2.81	-3.79	-75.63	23.03	23.11	0.81	0.08
8	6	14	-2.5-15.4	-92.03	-0.56	0.00	-5.49	-98.08	8.66	8.01	-1.21	-0.65
8	7	15	-4.8-13.0	-106.19	-0.87	2.51	-7.56	-112.11	2.70	2.86	-0.72	0.15
8	8	16	-7.0-10.9	-118.13	-0.45	0.00	-10.00	-128.57	-5.69	-4.74	0.50	0.95
8	9	17	-9.1-9.1	-128.13	1.19	2.31	-7.81	-132.44	-1.48	-0.81	1.87	0.67
8	10	18	-11.2-7.6	-136.46	1.30	0.00	-6.27	-141.43	-2.40	-0.78	2.92	1.62
8	11	19	-13.0-6.2	-143.35	1.36	2.16	-5.15	-144.98	2.12	3.33	2.57	1.21
8	12	20	-14.8-5.1	-148.99	0.73	0.00	-4.32	-152.58	2.59	3.80	1.94	1.21
8	13	21	-16.4-4.1	-153.57	0.90	2.04	-3.68	-154.30	8.94	8.05	0.01	-0.89
8	14	22	-18.0-3.2	-157.21	-0.34	0.00	-3.18	-160.73	10.59	9.44	-1.48	-1.15
8	15	23	-19.4-2.5	-160.05	-0.31	1.95	-2.79	-161.20	18.18	14.65	-3.85	-3.53
8	16	24	-20.6-1.8	-162.18	0.23	0.00	-2.47	-164.42	23.03	18.64	-4.17	-4.39
8	17	25	-21.8-1.2	-163.70	0.48	1.87	-2.20	-163.56	31.96	0.00	0.00	0.00
8	18	26	-22.9-0.8	-164.70	0.81	0.00	-1.99	-165.88	37.72	0.00	0.00	0.00
8	19	27	-23.8-0.3	-165.24	1.02	1.80	-1.81	-164.23	47.43	0.00	0.00	0.00
8	20	28	0.0 0.0	0.00	0.93	0.00	-1.65	0.00	0.00	0.00	0.00	0.00
8	21	29	0.0 0.0	0.00	1.92	1.74	-1.52	0.00	0.00	0.00	0.00	0.00
8	22	30	0.0 0.0	0.00	1.94	0.00	-1.41	0.00	0.00	0.00	0.00	0.00
8	23	31	0.0 0.0	0.00	1.54	1.69	-1.31	0.00	0.00	0.00	0.00	0.00
8	24	32	0.0 0.0	0.00	0.97	0.00	-1.22	0.00	0.00	0.00	0.00	0.00
8	25	33	0.0 0.0	0.00	0.37	1.64	-1.15	0.00	0.00	0.00	0.00	0.00
8	26	34	0.0 0.0	0.00	-0.24	0.00	-1.08	0.00	0.00	0.00	0.00	0.00
9	3	12	0.0 0.0	0.00	1.85	4.38	-1.22	0.00	0.00	0.00	0.00	0.00
9	4	13	0.0 0.0	0.00	1.94	2.31	-1.99	0.00	0.00	0.00	0.00	0.00
9	5	14	1.2-20.0	-74.86	2.55	3.98	-3.01	-71.34	34.61	33.61	1.55	-1.00
9	6	15	-0.7-17.5	-93.60	1.23	2.31	-4.32	-94.38	19.65	16.78	-1.64	-2.87
9	7	16	-2.8-15.2	-109.93	0.86	3.78	-5.92	-111.21	10.89	10.68	0.65	-0.21
9	8	17	-4.8-13.0	-124.02	1.19	2.31	-7.81	-128.33	1.84	1.95	1.30	0.11
9	9	18	-6.9-11.2	-136.10	2.71	5.32	-10.00	-138.07	0.17	0.87	3.41	0.70
9	10	19	-8.8-9.5	-146.42	2.76	2.31	-8.02	-149.37	-3.06	-1.49	4.33	1.57

9	11	20-10.7	-8.1	-155.19	2.78	3.57	-6.57	-155.41	-1.03	-0.02	3.78	1.01
9	12	21-12.4	-6.8	-162.59	2.12	2.31	-5.49	-163.65	-1.20	-0.05	3.27	1.15
9	13	22-14.1	-5.7	-168.81	2.25	3.51	-4.66	-167.72	2.81	2.79	2.22	-0.02
9	14	23-15.6	-4.7	-173.98	1.00	2.31	-4.01	-174.69	3.91	3.33	0.42	-0.58
9	15	24-17.1	-3.8	-178.24	0.99	3.46	-3.50	-177.29	9.38	7.71	-0.68	-1.67
9	16	25-18.4	-3.1	-181.69	1.48	2.31	-3.09	-180.99	13.75	11.33	-0.94	-2.42
9	17	26-19.6	-2.4	-184.43	1.69	3.42	-2.75	-182.06	20.75	18.56	-0.50	-2.19
9	18	27-20.8	-1.8	-186.54	1.99	2.31	-2.47	-184.71	26.17	25.62	1.43	-0.55
9	19	28-21.9	-1.3	-188.09	2.16	3.39	-2.23	-184.78	34.18	0.00	0.00	0.00
9	20	29-22.8	-0.8	-189.16	2.05	2.31	-2.03	-186.84	40.18	0.00	0.00	0.00
9	21	30-23.7	-0.4	-189.81	2.99	3.36	-1.86	-185.31	49.79	0.00	0.00	0.00
9	22	31-24.5	-0.1	-190.08	2.98	2.31	-1.72	-186.51	56.66	0.00	0.00	0.00
9	23	32 0.0 0.0	0.00	0.00	2.57	3.34	-1.59	0.00	0.00	0.00	0.00	0.00
9	24	33 0.0 0.0	0.00	0.00	2.00	2.31	-1.48	0.00	0.00	0.00	0.00	0.00
9	25	34 0.0 0.0	0.00	0.00	1.39	3.32	-1.39	0.00	0.00	0.00	0.00	0.00
9	26	35 0.0 0.0	0.00	0.00	0.77	2.31	-1.30	0.00	0.00	0.00	0.00	0.00
9	27	36 0.0 0.0	0.00	0.00	0.00	3.30	-1.22	0.00	0.00	0.00	0.00	0.00
9	28	37 0.0 0.0	0.00	0.00	-1.04	2.31	-1.16	0.00	0.00	0.00	0.00	0.00
9	29	38 0.0 0.0	0.00	0.00	-0.64	3.29	-1.10	0.00	0.00	0.00	0.00	0.00
10	4	14 0.0 0.0	0.00	0.00	2.02	0.00	-1.65	0.00	0.00	0.00	0.00	0.00
10	5	15 0.0 0.0	0.00	0.00	2.60	2.81	-2.47	0.00	0.00	41.39	0.00	0.00
10	6	16 0.7-19.4	-93.57	1.34	0.00	-3.50	-95.73	25.59	23.99	-0.25	-1.60	
10	7	17 -1.1-17.1	-111.84	0.98	2.51	-4.77	-113.12	16.27	16.49	1.20	0.22	
10	8	18 -3.0-15.0	-127.91	1.30	0.00	-6.27	-132.89	4.57	5.32	2.05	0.75	
10	9	19 -4.9-13.1	-141.96	2.76	2.31	-8.02	-144.91	0.62	1.75	3.89	1.13	
10	10	20 -6.7-11.4	-154.18	2.81	0.00	-10.00	-161.37	-7.77	-7.04	3.54	0.73	
10	11	21 -8.5 -9.8	-164.77	2.82	2.16	-8.19	-167.98	-6.31	-5.73	3.40	0.58	
10	12	22-10.2 -8.5	-173.91	2.19	0.00	-6.83	-178.55	-8.81	-8.03	2.96	0.78	
10	13	23-11.9 -7.3	-181.77	2.31	2.04	-5.78	-183.20	-5.39	-5.16	2.53	0.23	
10	14	24-13.4 -6.2	-188.49	1.10	0.00	-4.97	-192.35	-6.47	-5.95	1.62	0.52	
10	15	25-14.9 -5.2	-194.19	1.08	1.95	-4.32	-195.49	-1.53	-2.06	0.55	-0.53	
10	16	26-16.2 -4.4	-199.00	1.55	0.00	-3.79	-201.24	0.79	0.44	1.21	-0.35	
10	17	27-17.5 -3.6	-203.01	1.76	1.87	-3.37	-202.75	7.36	6.96	1.37	-0.40	
10	18	28-18.7 -3.0	-206.30	2.05	0.00	-3.01	-207.27	10.90	11.12	2.26	0.22	
10	19	29-19.9 -2.4	-208.96	2.22	1.80	-2.72	-207.66	18.58	0.00	0.00	0.00	
10	20	30-20.9 -1.8	-211.05	2.11	0.00	-2.47	-211.41	22.90	0.00	0.00	0.00	
10	21	31-21.9 -1.3	-212.63	3.03	1.74	-2.25	-210.11	32.27	0.00	0.00	0.00	
10	22	32-22.8 -0.9	-213.76	3.02	0.00	-2.07	-212.81	37.65	0.00	0.00	0.00	
10	23	33-23.6 -0.5	-214.49	2.62	1.69	-1.91	-212.09	46.44	0.00	0.00	0.00	
10	24	34-24.4 -0.2	-214.86	2.05	0.00	-1.77	-214.58	52.02	0.00	0.00	0.00	
10	25	35 0.0 0.0	0.00	1.46	1.64	-1.65	0.00	0.00	0.00	0.00	0.00	
10	26	36 0.0 0.0	0.00	0.85	0.00	-1.55	0.00	0.00	0.00	0.00	0.00	
10	27	37 0.0 0.0	0.00	0.09	1.60	-1.45	0.00	0.00	0.00	0.00	0.00	
10	28	38 0.0 0.0	0.00	-0.93	0.00	-1.37	0.00	0.00	0.00	0.00	0.00	
10	29	39 0.0 0.0	0.00	-0.54	1.56	-1.29	0.00	0.00	0.00	0.00	0.00	
10	30	40 0.0 0.0	0.00	-0.04	0.00	-1.22	0.00	0.00	0.00	0.00	0.00	
10	31	41 0.0 0.0	0.00	-1.07	1.53	-1.16	0.00	0.00	0.00	0.00	0.00	
11	4	15 0.0 0.0	0.00	2.06	2.16	-1.41	0.00	0.00	0.00	0.00	0.00	
11	5	16 0.0 0.0	0.00	2.62	3.93	-2.07	0.00	0.00	0.00	0.00	0.00	
11	6	17 1.9-21.0	-92.22	1.41	2.16	-2.91	-91.56	37.05	35.17	-0.47	-1.88	
11	7	18 0.3-18.9	-112.20	1.06	3.71	-3.93	-111.37	25.31	25.32	1.07	0.01	
11	8	19 -1.4-16.9	-130.07	1.36	2.16	-5.15	-131.71	13.04	12.93	1.25	-0.11	
11	9	20 -3.1-14.9	-145.95	2.78	3.57	-6.57	-146.17	6.65	6.84	2.97	0.19	
11	10	21 -4.9-13.2	-159.97	2.82	2.16	-8.19	-163.18	-2.29	-2.19	2.92	0.10	
11	11	22 -6.6-11.6	-172.31	2.84	4.84	-10.00	-174.64	-5.68	-5.18	3.33	0.50	
11	12	23 -8.2-10.1	-183.14	2.22	2.16	-8.33	-187.09	-10.06	-9.53	2.75	0.53	
11	13	24 -9.8 -8.8	-192.61	2.34	3.41	-7.05	-193.91	-8.81	-8.42	2.73	0.39	
11	14	25-11.4 -7.7	-200.86	1.16	2.16	-6.04	-203.58	-10.41	-9.36	2.21	1.05	
11	15	26-12.8 -6.7	-208.02	1.14	3.35	-5.24	-208.77	-7.52	-6.90	1.77	0.62	
11	16	27-14.2 -5.7	-214.21	1.60	2.16	-4.59	-215.04	-5.72	-5.60	1.73	0.12	
11	17	28-15.5 -4.9	-219.51	1.81	3.31	-4.07	-218.46	-1.07	-1.14	1.74	-0.07	
11	18	29-16.7 -4.1	-224.03	2.09	2.16	-3.63	-223.42	2.05	2.66	2.70	0.61	
11	19	30-17.9 -3.5	-227.84	2.25	3.27	-3.26	-225.58	7.95	8.29	2.58	0.34	
11	20	31-19.0 -2.9	-231.00	2.14	2.16	-2.95	-229.66	11.94	12.52	2.72	0.58	
11	21	32-20.0 -2.3	-233.59	3.05	3.24	-2.69	-230.00	19.68	18.37	1.74	-1.31	
11	22	33-21.0 -1.8	-235.66	3.04	2.16	-2.47	-232.93	24.81	25.50	3.72	0.69	

11	23	34-21.9	-1.4	-237.26	2.64	3.22	-2.27	-233.68	32.14	0.00	0.00	0.00	
11	24	35-22.8	-1.0	-238.44	2.09	2.16	-2.10	-236.30	37.59	0.00	0.00	0.00	
11	25	36-23.5	-0.6	-239.24	1.50	3.19	-1.95	-236.50	45.46	0.00	0.00	0.00	
11	26	37-24.3	-0.3	-239.70	0.90	2.16	-1.82	-238.47	51.57	0.00	0.00	0.00	
11	27	38-24.9	0.0	-239.87	0.16	3.17	-1.71	-238.24	59.86	0.00	0.00	0.00	
11	28	39	0.0	0.0	0.00	-0.84	2.16	-1.60	0.00	0.00	0.00	0.00	
11	29	40	0.0	0.0	0.00	-0.47	3.16	-1.51	0.00	0.00	0.00	0.00	
11	30	41	0.0	0.0	0.00	1.17	2.16	-1.43	0.00	0.00	0.00	0.00	
11	31	42	0.0	0.0	0.00	0.98	3.14	-1.35	0.00	0.00	0.00	0.00	
11	32	43	0.0	0.0	0.00	0.39	2.16	-1.29	0.00	0.00	0.00	0.00	
11	33	44	0.0	0.0	0.00	0.09	3.13	-1.22	0.00	0.00	0.00	0.00	
12	5	17	0.0	0.0	0.00	1.86	2.81	-1.77	0.00	0.00	0.00	0.00	
12	6	18	0.0	0.0	0.00	0.73	0.00	-2.47	0.00	0.00	0.00	0.00	
12	7	19	1.6-20.5	-111.23	0.42	2.51	-3.31	-111.61	32.35	31.95	0.01	-0.40	
12	8	20	0.0-18.5	-130.73	0.73	0.00	-4.32	-134.31	17.72	17.57	0.58	-0.15	
12	9	21	-1.6-16.6	-148.28	2.12	2.31	-5.49	-149.34	10.76	10.91	2.27	0.15	
12	10	22	-3.2-14.8	-164.00	2.19	0.00	-6.83	-168.64	-0.46	-0.40	2.25	0.06	
12	11	23	-4.8-13.2	-178.01	2.22	2.16	-8.33	-181.96	-5.71	-5.47	2.46	0.24	
12	12	24	-6.4-11.7	-190.46	1.64	0.00	-10.00	-198.82	-14.50	-13.93	2.21	0.57	
12	13	25	-8.0-10.4	-201.50	1.77	2.04	-8.45	-206.14	-13.75	-13.19	2.33	0.56	
12	14	26	-9.5	-9.2	-211.26	0.64	0.00	-7.24	-217.86	-17.40	-16.21	1.83	1.19
12	15	27-10.9	-8.1	-219.87	0.63	1.95	-6.27	-223.56	-15.02	-14.59	1.07	0.43	
12	16	28-12.3	-7.1	-227.42	1.10	0.00	-5.49	-231.81	-15.21	-15.02	1.29	0.19	
12	17	29-13.6	-6.2	-234.04	1.31	1.87	-4.85	-235.71	-11.03	-10.66	1.68	0.37	
12	18	30-14.8	-5.4	-239.79	1.59	0.00	-4.32	-242.52	-9.77	-9.07	2.29	0.70	
12	19	31-16.0	-4.6	-244.78	1.76	1.80	-3.87	-245.09	-4.27	-3.35	2.68	0.92	
12	20	32-17.1	-3.9	-249.06	1.67	0.00	-3.50	-250.89	-2.00	-0.82	2.84	1.18	
12	21	33-18.2	-3.3	-252.70	2.57	1.74	-3.18	-251.57	5.39	5.09	2.26	-0.30	
12	22	34-19.2	-2.8	-255.76	2.57	0.00	-2.91	-256.10	8.94	0.00	0.00	0.00	
12	23	35-20.1	-2.3	-258.29	2.19	1.69	-2.67	-257.09	16.02	0.00	0.00	0.00	
12	24	36-21.0	-1.8	-260.34	1.65	0.00	-2.47	-261.15	20.02	0.00	0.00	0.00	
12	25	37-21.9	-1.4	-261.96	1.09	1.64	-2.29	-261.52	27.73	0.00	0.00	0.00	
12	26	38-22.7	-1.0	-263.18	0.50	0.00	-2.13	-264.80	32.52	0.00	0.00	0.00	
12	27	39-23.4	-0.7	-264.04	-0.22	1.60	-1.99	-264.65	40.75	0.00	0.00	0.00	
12	28	40-24.1	-0.4	-264.58	-1.20	0.00	-1.86	-267.64	45.82	0.00	0.00	0.00	
12	29	41-24.7	-0.1	-264.83	-0.82	1.56	-1.75	-265.84	55.69	0.00	0.00	0.00	
12	30	42	0.0	0.0	0.00	1.00	0.00	-1.65	0.00	0.00	0.00	0.00	
12	31	43	0.0	0.0	0.00	1.14	1.53	-1.56	0.00	0.00	0.00	0.00	
12	32	44	0.0	0.0	0.00	-4.93	0.00	-1.48	0.00	0.00	0.00	0.00	
12	33	45	0.0	0.0	0.00	1.21	1.50	-1.41	0.00	0.00	0.00	0.00	
12	34	46	0.0	0.0	0.00	-1.50	0.00	-1.34	0.00	0.00	0.00	0.00	
12	35	47	0.0	0.0	0.00	1.26	1.47	-1.28	0.00	0.00	0.00	0.00	
13	5	18	0.0	0.0	0.00	2.01	3.89	-1.55	0.00	0.00	0.00	0.00	
13	6	19	0.0	0.0	0.00	0.91	2.04	-2.13	0.00	0.00	0.00	0.00	
13	7	20	2.6-21.9	-109.13	0.61	3.65	-2.84	-107.71	43.55	0.00	0.00	0.00	
13	8	21	1.3-20.0	-130.08	0.90	2.04	-3.68	-130.81	28.51	26.12	-1.49	-2.39	
13	9	22	-0.2-18.2	-149.17	2.25	3.51	-4.66	-148.08	19.32	18.04	0.97	-1.28	
13	10	23	-1.7-16.4	-166.46	2.31	2.04	-5.78	-167.89	7.58	6.77	1.50	-0.81	
13	11	24	-3.3-14.8	-182.04	2.34	3.41	-7.05	-183.34	0.19	-0.05	2.09	-0.24	
13	12	25	-4.8-13.3	-196.05	1.77	2.04	-8.45	-200.69	-9.08	-8.91	1.94	0.17	
13	13	26	-6.3-11.9	-208.61	1.89	4.48	-10.00	-212.23	-12.55	-12.21	2.23	0.34	
13	14	27	-7.7-10.6	-219.84	0.79	2.04	-8.56	-225.57	-17.81	-17.20	1.40	0.61	
13	15	28	-9.1	-9.5	-229.86	0.78	3.27	-7.41	-233.21	-17.39	-16.85	1.32	0.54
13	16	29-10.5	-8.4	-238.77	1.23	2.04	-6.48	-241.98	-18.08	-18.22	1.10	-0.14	
13	17	30-11.8	-7.4	-246.69	1.43	3.22	-5.71	-247.74	-15.78	-15.87	1.34	-0.09	
13	18	31-13.0	-6.6	-253.69	1.71	2.04	-5.08	-255.02	-14.98	-14.97	1.72	0.01	
13	19	32-14.2	-5.8	-259.86	1.88	3.19	-4.55	-259.35	-11.24	-11.08	2.03	0.16	
13	20	33-15.3	-5.1	-265.27	1.78	2.04	-4.10	-265.55	-9.37	-8.59	2.56	0.78	
13	21	34-16.4	-4.4	-269.98	2.66	3.15	-3.72	-267.89	-3.64	-3.21	3.09	0.43	
13	22	35-17.4	-3.8	-274.06	2.66	2.04	-3.40	-272.76	-0.44	-0.32	2.77	0.12	
13	23	36-18.4	-3.2	-277.56	2.28	3.12	-3.11	-275.27	5.12	0.00	0.00	0.00	
13	24	37-19.3	-2.7	-280.53	1.76	2.04	-2.87	-279.60	8.86	0.00	0.00	0.00	
13	25	38-20.2	-2.3	-283.02	1.20	3.10	-2.65	-281.37	15.16	0.00	0.00	0.00	
13	26	39-21.1	-1.8	-285.05	0.63	2.04	-2.47	-284.85	19.76	0.00	0.00	0.00	
13	27	40-21.9	-1.4	-286.68	-0.09	3.08	-2.30	-285.99	26.69	0.00	0.00	0.00	
13	28	41-22.6	-1.1	-287.94	-1.05	2.04	-2.15	-289.10	31.65	0.00	0.00	0.00	

13	29	42-23.3	-0.8	-288.85	-0.69	3.06	-2.02	-288.50	40.32	0.00	0.00	0.00
13	30	43-24.0	-0.5	-289.46	1.66	2.04	-1.90	-287.66	49.23	0.00	0.00	0.00
13	31	44-24.6	-0.2	-289.79	1.26	3.04	-1.79	-287.28	57.68	0.00	0.00	0.00
13	32	45 0.0 0.0		0.00	-3.54	2.04	-1.70	0.00	0.00	0.00	0.00	0.00
13	33	46 0.0 0.0		0.00	1.55	3.02	-1.61	0.00	0.00	0.00	0.00	0.00
13	34	47 0.0 0.0		0.00	1.76	2.04	-1.53	0.00	0.00	0.00	0.00	0.00
13	35	48 0.0 0.0		0.00	2.41	3.01	-1.46	0.00	0.00	0.00	0.00	0.00
13	36	49 0.0 0.0		0.00	2.80	2.04	-1.39	0.00	0.00	0.00	0.00	0.00
13	37	50 0.0 0.0		0.00	1.93	3.00	-1.33	0.00	0.00	0.00	0.00	0.00
13	38	51 0.0 0.0		0.00	1.35	2.04	-1.28	0.00	0.00	0.00	0.00	0.00
14	6	20 0.0 0.0		0.00	-0.41	0.00	-1.86	0.00	0.00	0.00	0.00	0.00
14	7	21 0.0 0.0		0.00	-0.67	2.51	-2.47	0.00	0.00	0.00	0.00	0.00
14	8	22 2.3-21.4	-128.29	-0.34	0.00	-3.18	-131.80	34.81	32.16	-2.98	-2.64	
14	9	23 1.0-19.6	-148.77	1.00	2.31	-4.01	-149.47	25.21	23.77	-0.43	-1.44	
14	10	24 -0.4-17.9	-167.51	1.10	0.00	-4.97	-171.38	11.37	10.76	0.49	-0.61	
14	11	25 -1.8-16.3	-184.57	1.16	2.16	-6.04	-187.30	3.53	3.83	1.46	0.30	
14	12	26 -3.3-14.7	-200.06	0.64	0.00	-7.24	-206.66	-7.76	-7.14	1.26	0.62	
14	13	27 -4.7-13.3	-214.07	0.79	2.04	-8.56	-219.80	-12.83	-12.39	1.23	0.44	
14	14	28 -6.1-12.0	-226.72	-0.26	0.00	-10.00	-236.98	-21.94	-21.49	0.19	0.45	
14	15	29 -7.4-10.8	-238.12	-0.25	1.95	-8.65	-245.07	-21.96	-21.90	-0.18	0.06	
14	16	30 -8.8 -9.7	-248.38	0.22	0.00	-7.56	-255.72	-24.54	-24.43	0.32	0.11	
14	17	31-10.0 -8.7	-257.58	0.44	1.87	-6.66	-261.93	-22.68	-22.95	0.17	-0.27	
14	18	32-11.3 -7.8	-265.82	0.73	0.00	-5.92	-271.00	-23.68	-24.08	0.33	-0.40	
14	19	33-12.5 -6.9	-273.17	0.91	1.80	-5.29	-275.75	-20.36	-20.49	0.78	-0.13	
14	20	34-13.6 -6.2	-279.71	0.84	0.00	-4.77	-283.64	-20.18	-19.96	1.05	0.22	
14	21	35-14.7 -5.5	-285.52	1.72	1.74	-4.32	-286.38	-14.84	-14.36	2.19	0.48	
14	22	36-15.7 -4.8	-290.63	1.74	0.00	-3.93	-292.83	-13.22	-12.48	2.48	0.74	
14	23	37-16.7 -4.2	-295.13	1.38	1.69	-3.60	-295.65	-7.97	-5.65	3.71	2.32	
14	24	38-17.7 -3.6	-299.04	0.89	0.00	-3.31	-301.46	-5.71	0.00	0.00	0.00	
14	25	39-18.6 -3.1	-302.42	0.35	1.64	-3.06	-303.49	0.34	0.00	0.00	0.00	
14	26	40-19.5 -2.7	-305.31	-0.20	0.00	-2.84	-308.34	3.55	0.00	0.00	0.00	
14	27	41-20.3 -2.2	-307.75	-0.88	1.60	-2.64	-309.67	10.29	0.00	0.00	0.00	
14	28	42-21.1 -1.8	-309.77	-1.82	0.00	-2.47	-314.06	13.98	0.00	0.00	0.00	
14	29	43-21.8 -1.5	-311.41	-1.45	1.56	-2.31	-313.61	22.50	0.00	0.00	0.00	
14	30	44-22.5 -1.1	-312.70	0.35	0.00	-2.17	-314.52	29.66	0.00	0.00	0.00	
14	31	45-23.2 -0.8	-313.67	0.55	1.53	-2.05	-313.63	38.62	0.00	0.00	0.00	
14	32	46-23.8 -0.5	-314.33	-1.97	0.00	-1.93	-318.24	42.09	0.00	0.00	0.00	
14	33	47-24.4 -0.3	-314.73	1.25	1.50	-1.83	-313.82	54.58	0.00	0.00	0.00	
14	34	48-24.9 0.0	-314.89	1.63	0.00	-1.74	-315.00	61.47	0.00	0.00	0.00	
14	35	49 0.0 0.0		0.00	1.99	1.47	-1.65	0.00	0.00	0.00	0.00	
14	36	50 0.0 0.0		0.00	2.13	0.00	-1.58	0.00	0.00	0.00	0.00	
14	37	51 0.0 0.0		0.00	2.29	1.44	-1.50	0.00	0.00	0.00	0.00	
14	38	52 0.0 0.0		0.00	1.28	0.00	-1.44	0.00	0.00	0.00	0.00	
14	39	53 0.0 0.0		0.00	0.33	1.42	-1.38	0.00	0.00	0.00	0.00	
14	40	54 0.0 0.0		0.00	-0.11	0.00	-1.32	0.00	0.00	0.00	0.00	
15	6	21 0.0 0.0		0.00	-0.38	1.95	-1.65	0.00	0.00	0.00	0.00	
15	7	22 0.0 0.0		0.00	-0.63	3.61	-2.17	0.00	0.00	0.00	0.00	
15	8	23 0.0 0.0		0.00	-0.31	1.95	-2.79	0.00	0.00	0.00	0.00	
15	9	24 2.1-20.9	-147.24	0.99	3.46	-3.50	-146.29	35.67	0.00	0.00	0.00	
15	10	25 0.8-19.2	-167.32	1.08	1.95	-4.32	-168.61	21.43	0.00	0.00	0.00	
15	11	26 -0.6-17.6	-185.76	1.14	3.35	-5.24	-186.51	11.61	0.00	0.00	0.00	
15	12	27 -1.9-16.1	-202.63	0.63	1.95	-6.27	-206.32	-0.14	-0.75	0.02	-0.61	
15	13	28 -3.3-14.7	-218.03	0.78	3.27	-7.41	-221.38	-7.13	-7.16	0.75	-0.03	
15	14	29 -4.6-13.4	-232.05	-0.25	1.95	-8.65	-239.00	-16.67	-16.95	-0.52	-0.28	
15	15	30 -5.9-12.1	-244.79	-0.23	4.21	-10.00	-250.81	-20.41	-20.20	-0.02	0.21	
15	16	31 -7.2-11.0	-256.35	0.22	1.95	-8.73	-262.91	-24.44	-24.44	0.23	0.00	
15	17	32 -8.4-10.0	-266.81	0.44	3.16	-7.69	-270.91	-24.37	-24.31	0.50	0.06	
15	18	33 -9.7 -9.0	-276.27	0.72	1.95	-6.83	-280.43	-25.82	-26.34	0.20	-0.52	
15	19	34-10.8 -8.1	-284.81	0.90	3.12	-6.10	-286.89	-24.21	-24.56	0.55	-0.35	
15	20	35-12.0 -7.3	-292.48	0.83	1.95	-5.49	-295.20	-24.44	-24.86	0.41	-0.42	
15	21	36-13.0 -6.5	-299.37	1.69	3.08	-4.97	-299.57	-20.74	-20.25	2.18	0.49	
15	22	37-14.1 -5.8	-305.54	1.71	1.95	-4.52	-306.40	-19.50	-19.06	2.15	0.44	
15	23	38-15.1 -5.2	-311.03	1.37	3.05	-4.13	-310.74	-15.77	0.00	0.00	0.00	
15	24	39-16.1 -4.6	-315.90	0.88	1.95	-3.79	-316.87	-13.83	0.00	0.00	0.00	
15	25	40-17.0 -4.0	-320.20	0.35	3.02	-3.50	-320.33	-9.21	0.00	0.00	0.00	
15	26	41-17.9 -3.5	-323.97	-0.19	1.95	-3.24	-325.45	-6.27	0.00	0.00	0.00	

15	27	42-18.7	-3.0	-327.25	-0.86	3.00	-3.01	-328.12	-0.87	0.00	0.00	0.00	
15	28	43-19.5	-2.6	-330.07	-1.79	1.95	-2.81	-332.72	2.60	0.00	0.00	0.00	
15	29	44-20.3	-2.2	-332.47	-1.42	2.98	-2.63	-333.54	9.86	0.00	0.00	0.00	
15	30	45-21.1	-1.8	-334.48	1.64	1.95	-2.47	-333.36	18.11	0.00	0.00	0.00	
15	31	46-21.8	-1.5	-336.13	1.54	2.96	-2.32	-333.95	25.59	0.00	0.00	0.00	
15	32	47-22.4	-1.2	-337.45	-0.26	1.95	-2.19	-337.95	29.66	0.00	0.00	0.00	
15	33	48-23.1	-0.9	-338.46	1.89	2.94	-2.07	-335.69	39.99	0.00	0.00	0.00	
15	34	49-23.7	-0.6	-339.18	1.87	1.95	-1.96	-337.32	46.43	0.00	0.00	0.00	
15	35	50-24.2	-0.3	-339.64	2.71	2.93	-1.86	-335.87	55.96	0.00	0.00	0.00	
15	36	51-24.7	-0.1	-339.86	3.07	1.95	-1.77	-336.62	63.28	0.00	0.00	0.00	
15	37	52	0.0	0.0	0.00	2.80	2.91	-1.69	0.00	0.00	0.00	0.00	
15	38	53	0.0	0.0	0.00	2.76	1.95	-1.62	0.00	0.00	0.00	0.00	
15	39	54	0.0	0.0	0.00	1.92	2.90	-1.55	0.00	0.00	0.00	0.00	
15	40	55	0.0	0.0	0.00	1.19	1.95	-1.48	0.00	0.00	0.00	0.00	
15	41	56	0.0	0.0	0.00	1.30	2.89	-1.42	0.00	0.00	0.00	0.00	
15	42	57	0.0	0.0	0.00	1.24	1.95	-1.37	0.00	0.00	0.00	0.00	
16	7	23	0.0	0.0	0.00	-0.07	2.51	-1.93	0.00	0.00	0.00	0.00	
16	8	24	0.0	0.0	0.00	0.23	0.00	-2.47	0.00	0.00	0.00	0.00	
16	9	25	3.0-22.1	-144.72	1.48	2.31	-3.09	-144.02	45.24	0.00	0.00	0.00	
16	10	26	1.8-20.5	-166.01	1.55	0.00	-3.79	-168.25	29.08	0.00	0.00	0.00	
16	11	27	0.6-18.9	-185.72	1.60	2.16	-4.59	-186.55	18.84	0.00	0.00	0.00	
16	12	28	-0.7-17.4	-203.90	1.10	0.00	-5.49	-208.29	5.18	4.20	0.12	-0.98	
16	13	29	-1.9-16.0	-220.61	1.23	2.04	-6.48	-223.82	-2.27	-3.16	0.35	-0.89	
16	14	30	-3.2-14.7	-235.94	0.22	0.00	-7.56	-243.28	-13.67	-14.06	-0.17	-0.39	
16	15	31	-4.5-13.4	-249.97	0.22	1.95	-8.73	-256.54	-18.85	-19.05	0.03	-0.20	
16	16	32	-5.7-12.3	-262.80	0.66	0.00	-10.00	-272.14	-26.39	-26.02	1.02	0.37	
16	17	33	-6.9-11.2	-274.50	0.86	1.87	-8.80	-280.58	-26.75	-26.59	1.02	0.16	
16	18	34	-8.1-10.2	-285.16	1.13	0.00	-7.81	-291.84	-29.94	-29.93	1.14	0.01	
16	19	35	-9.3	-9.2	-294.86	1.30	1.80	-6.98	-298.73	-28.76	-28.85	1.21	-0.09
16	20	36	-10.4	-8.4	-303.66	1.22	0.00	-6.27	-308.71	-30.67	-30.66	1.23	0.01
16	21	37	-11.5	-7.6	-311.63	2.06	1.74	-5.67	-313.50	-27.39	-26.90	2.55	0.49
16	22	38	-12.5	-6.8	-318.84	2.07	0.00	-5.15	-321.92	-27.73	-26.86	2.95	0.87
16	23	39	-13.5	-6.2	-325.34	1.73	1.69	-4.71	-326.63	-24.37	-23.16	2.94	1.21
16	24	40	-14.5	-5.5	-331.18	1.24	0.00	-4.32	-334.26	-23.93	-22.51	2.66	1.42
16	25	41	-15.4	-4.9	-336.41	0.72	1.64	-3.98	-338.03	-19.63	0.00	0.00	0.00
16	26	42	-16.3	-4.4	-341.07	0.18	0.00	-3.68	-344.57	-18.10	0.00	0.00	0.00
16	27	43	-17.2	-3.9	-345.21	-0.49	1.60	-3.41	-347.51	-12.97	0.00	0.00	0.00
16	28	44	-18.0	-3.4	-348.85	-1.41	0.00	-3.18	-353.44	-10.82	0.00	0.00	0.00
16	29	45	-18.8	-3.0	-352.04	-1.05	1.56	-2.97	-354.50	-3.81	0.00	0.00	0.00
16	30	46	-19.6	-2.6	-354.80	1.72	0.00	-2.79	-355.87	2.89	0.00	0.00	0.00
16	31	47	-20.3	-2.2	-357.17	1.70	1.53	-2.62	-356.56	10.27	0.00	0.00	0.00
16	32	48	-21.0	-1.8	-359.17	1.67	0.00	-2.47	-359.96	14.93	0.00	0.00	0.00
16	33	49	-21.7	-1.5	-360.83	1.64	1.50	-2.33	-360.02	22.95	0.00	0.00	0.00
16	34	50	-22.3	-1.2	-362.17	1.44	0.00	-2.20	-362.93	28.11	0.00	0.00	0.00
16	35	51	-22.9	-0.9	-363.21	2.57	1.47	-2.09	-361.26	37.85	0.00	0.00	0.00
16	36	52	-23.5	-0.6	-363.98	3.11	0.00	-1.99	-362.86	44.32	0.00	0.00	0.00
16	37	53	-24.0	-0.4	-364.50	3.01	1.44	-1.89	-361.95	53.31	0.00	0.00	0.00
16	38	54	-24.5	-0.2	-364.79	3.01	0.00	-1.81	-363.59	59.74	0.00	0.00	0.00
16	39	55	0.0	0.0	0.00	2.85	1.42	-1.73	0.00	0.00	0.00	0.00	0.00
16	40	56	0.0	0.0	0.00	2.41	0.00	-1.65	0.00	0.00	0.00	0.00	0.00
16	41	57	0.0	0.0	0.00	1.85	1.39	-1.58	0.00	0.00	0.00	0.00	0.00
16	42	58	0.0	0.0	0.00	1.87	0.00	-1.52	0.00	0.00	0.00	0.00	0.00
16	43	59	0.0	0.0	0.00	3.57	1.37	-1.46	0.00	0.00	0.00	0.00	0.00
16	44	60	0.0	0.0	0.00	4.11	0.00	-1.41	0.00	0.00	0.00	0.00	0.00
17	7	24	0.0	0.0	0.00	0.20	3.58	-1.74	0.00	0.00	0.00	0.00	0.00
17	8	25	0.0	0.0	0.00	0.48	1.87	-2.20	0.00	0.00	0.00	0.00	0.00
17	9	26	0.0	0.0	0.00	1.69	3.42	-2.75	0.00	0.00	0.00	0.00	0.00
17	10	27	2.8-21.6	-163.70	1.76	1.87	-3.37	-163.43	41.18	0.00	0.00	0.00	0.00
17	11	28	1.7-20.1	-184.59	1.81	3.31	-4.07	-183.54	29.15	0.00	0.00	0.00	0.00
17	12	29	0.5-18.7	-203.99	1.31	1.87	-4.85	-205.66	15.10	0.00	0.00	0.00	0.00
17	13	30	-0.7-17.3	-221.94	1.43	3.22	-5.71	-222.99	5.84	0.00	0.00	0.00	0.00
17	14	31	-1.9-15.9	-238.51	0.44	1.87	-6.66	-242.87	-5.97	-7.07	-0.66	-1.10	
17	15	32	-3.2-14.6	-253.79	0.44	3.16	-7.69	-257.88	-12.91	-13.33	0.02	-0.42	
17	16	33	-4.4-13.5	-267.83	0.86	1.87	-8.80	-273.91	-20.87	-21.00	0.73	-0.13	
17	17	34	-5.5-12.4	-280.74	1.05	3.99	-10.00	-285.70	-24.58	-24.44	1.19	0.14	
17	18	35	-6.7-11.3	-292.57	1.32	1.87	-8.87	-298.26	-29.07	-29.01	1.38	0.06	

17	19	36	-7.8	-10.4	-303.41	1.48	3.06	-7.92	-306.79	-29.53	-29.52	1.49	0.01
17	20	37	-8.9	-9.5	-313.32	1.40	1.87	-7.11	-317.17	-31.84	-31.76	1.48	0.08
17	21	38	-10.0	-8.6	-322.37	2.22	3.02	-6.43	-323.55	-30.15	-29.80	2.57	0.35
17	22	39	-11.0	-7.9	-330.62	2.23	1.87	-5.84	-332.36	-30.88	-29.80	3.32	1.08
17	23	40	-12.0	-7.2	-338.12	1.89	2.99	-5.33	-338.57	-29.02	-27.56	3.35	1.46
17	24	41	-13.0	-6.5	-344.93	1.41	1.87	-4.88	-346.54	-28.92	-27.40	2.93	1.52
17	25	42	-13.9	-5.9	-351.10	0.89	2.96	-4.49	-351.74	-26.05	-24.69	2.25	1.36
17	26	43	-14.9	-5.3	-356.66	0.36	1.87	-4.15	-358.59	-24.83	0.00	0.00	0.00
17	27	44	-15.7	-4.7	-361.66	-0.31	2.94	-3.85	-362.88	-21.05	0.00	0.00	0.00
17	28	45	-16.6	-4.2	-366.14	-1.21	1.87	-3.58	-369.07	-19.17	0.00	0.00	0.00
17	29	46	-17.4	-3.8	-370.13	-0.86	2.92	-3.34	-371.42	-13.45	0.00	0.00	0.00
17	30	47	-18.2	-3.3	-373.67	1.53	1.87	-3.13	-373.40	-7.36	0.00	0.00	0.00
17	31	48	-18.9	-2.9	-376.78	1.86	2.90	-2.94	-374.96	-0.84	0.00	0.00	0.00
17	32	49	-19.6	-2.5	-379.49	1.95	1.87	-2.76	-378.43	3.75	0.00	0.00	0.00
17	33	50	-20.3	-2.2	-381.82	2.19	2.88	-2.61	-379.37	10.89	0.00	0.00	0.00
17	34	51	-21.0	-1.8	-383.81	2.22	1.87	-2.47	-382.19	16.14	0.00	0.00	0.00
17	35	52	-21.6	-1.5	-385.48	2.78	2.86	-2.34	-382.18	24.23	0.00	0.00	0.00
17	36	53	-22.2	-1.2	-386.84	3.39	1.87	-2.22	-383.80	30.67	0.00	0.00	0.00
17	37	54	-22.8	-0.9	-387.92	3.53	2.85	-2.11	-383.66	38.89	0.00	0.00	0.00
17	38	55	-23.3	-0.7	-388.74	4.01	1.87	-2.01	-384.87	45.74	0.00	0.00	0.00
17	39	56	-23.9	-0.5	-389.31	3.84	2.83	-1.92	-384.56	54.13	0.00	0.00	0.00
17	40	57	-24.4	-0.2	-389.66	3.60	1.87	-1.84	-386.03	60.73	0.00	0.00	0.00
17	41	58	-24.8	0.0	-389.80	1.85	2.82	-1.76	-386.89	67.94	0.00	0.00	0.00
17	42	59	0.0	0.0	0.00	0.95	1.87	-1.69	0.00	0.00	0.00	0.00	0.00
17	43	60	0.0	0.0	0.00	0.42	2.81	-1.62	0.00	0.00	0.00	0.00	0.00
17	44	61	0.0	0.0	0.00	-1.23	1.87	-1.56	0.00	0.00	0.00	0.00	0.00
17	45	62	0.0	0.0	0.00	-1.44	2.79	-1.50	0.00	0.00	0.00	0.00	0.00
17	46	63	0.0	0.0	0.00	-1.13	1.87	-1.45	0.00	0.00	0.00	0.00	0.00
18	9	27	0.0	0.0	0.00	1.99	2.31	-2.47	0.00	0.00	0.00	0.00	0.00
18	10	28	0.0	0.0	0.00	2.05	0.00	-3.01	0.00	0.00	0.00	0.00	0.00
18	11	29	2.6	-21.2	-182.46	2.09	2.16	-3.63	-181.84	38.13	0.00	0.00	0.00
18	12	30	1.5	-19.8	-202.99	1.59	0.00	-4.32	-205.72	22.33	0.00	0.00	0.00
18	13	31	0.4	-18.4	-222.11	1.71	2.04	-5.08	-223.44	12.68	0.00	0.00	0.00
18	14	32	-0.8	-17.1	-239.87	0.73	0.00	-5.92	-245.06	-0.87	-2.18	-0.58	-1.31
18	15	33	-1.9	-15.8	-256.32	0.72	1.95	-6.83	-260.48	-8.22	-9.38	-0.43	-1.16
18	16	34	-3.1	-14.6	-271.55	1.13	0.00	-7.81	-278.23	-17.90	-18.38	0.65	-0.48
18	17	35	-4.2	-13.5	-285.62	1.32	1.87	-8.87	-291.30	-22.90	-23.05	1.17	-0.15
18	18	36	-5.4	-12.5	-298.59	1.57	0.00	-10.00	-307.02	-30.55	-30.23	1.89	0.32
18	19	37	-6.5	-11.5	-310.55	1.72	1.80	-8.93	-315.95	-31.41	-30.95	2.18	0.46
18	20	38	-7.5	-10.5	-321.55	1.64	0.00	-8.02	-327.93	-35.31	-34.72	2.23	0.59
18	21	39	-8.6	-9.7	-331.66	2.44	1.74	-7.24	-334.72	-34.03	-33.24	3.23	0.79
18	22	40	-9.6	-8.9	-340.94	2.45	0.00	-6.57	-345.06	-36.30	-35.04	3.71	1.26
18	23	41	-10.6	-8.1	-349.44	2.11	1.69	-5.99	-351.63	-34.80	-33.07	3.85	1.73
18	24	42	-11.6	-7.4	-357.22	1.63	0.00	-5.49	-361.08	-36.17	-34.42	3.39	1.75
18	25	43	-12.5	-6.8	-364.32	1.12	1.64	-5.05	-366.61	-33.63	-31.97	2.79	1.66
18	26	44	-13.4	-6.2	-370.79	0.60	0.00	-4.66	-374.86	-33.81	-32.26	2.15	1.55
18	27	45	-14.3	-5.6	-376.67	-0.06	1.60	-4.32	-379.45	-30.33	-29.72	0.55	0.61
18	28	46	-15.1	-5.1	-381.99	-0.96	0.00	-4.01	-386.96	-29.77	-29.72	-0.90	0.05
18	29	47	-16.0	-4.6	-386.80	-0.62	1.56	-3.74	-389.59	-24.33	-25.91	-2.19	-1.58
18	30	48	-16.7	-4.1	-391.12	1.35	0.00	-3.50	-393.27	-19.93	0.00	0.00	0.00
18	31	49	-17.5	-3.6	-394.98	1.73	1.53	-3.28	-395.00	-13.60	0.00	0.00	0.00
18	32	50	-18.2	-3.2	-398.42	1.79	0.00	-3.09	-399.71	-10.24	0.00	0.00	0.00
18	33	51	-19.0	-2.8	-401.46	2.01	1.50	-2.91	-400.86	-3.31	0.00	0.00	0.00
18	34	52	-19.6	-2.5	-404.12	2.03	0.00	-2.75	-404.83	0.78	0.00	0.00	0.00
18	35	53	-20.3	-2.1	-406.43	2.39	1.47	-2.60	-405.17	8.52	0.00	0.00	0.00
18	36	54	-20.9	-1.8	-408.41	2.78	0.00	-2.47	-408.10	13.66	0.00	0.00	0.00
18	37	55	-21.5	-1.5	-410.08	2.00	1.44	-2.34	-408.98	20.85	0.00	0.00	0.00
18	38	56	-22.1	-1.2	-411.46	1.17	0.00	-2.23	-412.52	25.38	0.00	0.00	0.00
18	39	57	-22.7	-1.0	-412.57	1.58	1.42	-2.13	-411.71	34.27	0.00	0.00	0.00
18	40	58	-23.2	-0.7	-413.43	1.73	0.00	-2.03	-413.73	40.31	0.00	0.00	0.00
18	41	59	-23.7	-0.5	-414.05	1.27	1.39	-1.95	-413.33	48.78	0.00	0.00	0.00
18	42	60	-24.2	-0.3	-414.45	0.74	0.00	-1.86	-415.58	54.61	0.00	0.00	0.00
18	43	61	-24.6	-0.1	-414.65	-0.24	1.37	-1.79	-415.31	62.95	0.00	0.00	0.00
18	44	62	0.0	0.0	0.00	-1.60	0.00	-1.72	0.00	0.00	0.00	0.00	0.00
18	45	63	0.0	0.0	0.00	-1.62	1.35	-1.65	0.00	0.00	0.00	0.00	0.00
18	46	64	0.0	0.0	0.00	-1.59	0.00	-1.59	0.00	0.00	0.00	0.00	0.00

18	47	65	0.0	0.0	0.00	-1.24	1.33	-1.54	0.00	0.00	0.00	0.00	0.00
18	48	66	0.0	0.0	0.00	0.03	0.00	-1.48	0.00	0.00	0.00	0.00	0.00
18	49	67	0.0	0.0	0.00	-0.45	1.31	-1.43	0.00	0.00	0.00	0.00	0.00
19	10	29	0.0	0.0	0.00	2.22	1.80	-2.72	0.00	0.00	0.00	0.00	0.00
19	11	30	3.4	-22.3	-179.44	2.25	3.27	-3.26	-177.18	50.08	0.00	0.00	0.00
19	12	31	2.4	-20.9	-201.02	1.76	1.80	-3.87	-201.33	34.01	0.00	0.00	0.00
19	13	32	1.4	-19.5	-221.23	1.88	3.19	-4.55	-220.72	22.69	0.00	0.00	0.00
19	14	33	0.3	-18.2	-240.10	0.91	1.80	-5.29	-242.68	8.79	0.00	0.00	0.00
19	15	34	-0.8	-17.0	-257.69	0.90	3.12	-6.10	-259.77	-0.22	0.00	0.00	0.00
19	16	35	-1.9	-15.8	-274.04	1.30	1.80	-6.98	-277.92	-10.30	-11.17	0.43	-0.87
19	17	36	-3.0	-14.6	-289.23	1.48	3.06	-7.92	-292.61	-16.92	-17.42	0.98	-0.50
19	18	37	-4.1	-13.6	-303.31	1.72	1.80	-8.93	-308.72	-24.96	-24.80	1.88	0.16
19	19	38	-5.2	-12.5	-316.36	1.87	3.80	-10.00	-320.68	-28.85	-28.80	1.92	0.05
19	20	39	-6.2	-11.6	-328.43	1.79	1.80	-8.98	-333.82	-33.92	-33.81	1.89	0.11
19	21	40	-7.3	-10.7	-339.58	2.58	2.97	-8.11	-342.14	-34.16	-33.53	3.21	0.63
19	22	41	-8.3	-9.9	-349.88	2.58	1.80	-7.35	-352.85	-36.80	-35.56	3.83	1.24
19	23	42	-9.3	-9.1	-359.37	2.25	2.94	-6.70	-360.89	-36.77	-35.02	4.00	1.75
19	24	43	-10.2	-8.4	-368.11	1.78	1.80	-6.14	-370.67	-38.48	-36.59	3.67	1.89
19	25	44	-11.1	-7.7	-376.14	1.27	2.91	-5.64	-377.61	-37.34	-35.81	2.80	1.53
19	26	45	-12.0	-7.1	-383.52	0.75	1.80	-5.20	-386.17	-37.84	-36.61	1.98	1.23
19	27	46	-12.9	-6.5	-390.27	0.10	2.88	-4.82	-392.10	-35.70	-35.42	0.38	0.28
19	28	47	-13.8	-5.9	-396.44	-0.79	1.80	-4.47	-399.90	-35.43	-35.69	-1.05	-0.26
19	29	48	-14.6	-5.4	-402.07	-0.46	2.86	-4.17	-403.83	-31.28	-32.12	-1.29	-0.84
19	30	49	-15.4	-4.9	-407.18	1.07	1.80	-3.90	-408.21	-27.59	-30.32	-1.66	-2.73
19	31	50	-16.2	-4.4	-411.81	1.69	2.84	-3.65	-410.93	-22.24	-25.52	-1.59	-3.28
19	32	51	-16.9	-4.0	-415.99	2.33	1.80	-3.43	-415.29	-18.53	0.00	0.00	0.00
19	33	52	-17.6	-3.5	-419.74	2.78	2.82	-3.23	-417.37	-12.53	0.00	0.00	0.00
19	34	53	-18.3	-3.2	-423.09	3.09	1.80	-3.05	-421.25	-8.35	0.00	0.00	0.00
19	35	54	-19.0	-2.8	-426.07	3.60	2.80	-2.88	-422.54	-1.57	0.00	0.00	0.00
19	36	55	-19.6	-2.4	-428.69	4.12	1.80	-2.73	-425.50	3.55	0.00	0.00	0.00
19	37	56	-20.3	-2.1	-430.97	3.49	2.79	-2.59	-427.29	9.83	0.00	0.00	0.00
19	38	57	-20.9	-1.8	-432.95	3.30	1.80	-2.47	-430.31	14.88	0.00	0.00	0.00
19	39	58	-21.4	-1.5	-434.62	3.45	2.77	-2.35	-430.75	22.51	0.00	0.00	0.00
19	40	59	-22.0	-1.3	-436.02	2.51	1.80	-2.24	-433.96	27.38	0.00	0.00	0.00
19	41	60	-22.5	-1.0	-437.16	2.17	2.76	-2.14	-434.38	35.03	0.00	0.00	0.00
19	42	61	-23.0	-0.8	-438.06	1.42	1.80	-2.05	-436.89	40.59	0.00	0.00	0.00
19	43	62	-23.5	-0.6	-438.72	0.81	2.75	-1.97	-437.13	48.42	0.00	0.00	0.00
19	44	63	-24.0	-0.3	-439.17	0.29	1.80	-1.89	-438.97	54.64	0.00	0.00	0.00
19	45	64	-24.4	-0.2	-439.43	1.62	2.74	-1.82	-436.89	64.80	0.00	0.00	0.00
19	46	65	0.0	0.0	0.00	0.74	1.80	-1.75	0.00	0.00	0.00	0.00	0.00
19	47	66	0.0	0.0	0.00	0.45	2.72	-1.68	0.00	0.00	0.00	0.00	0.00
19	48	67	0.0	0.0	0.00	-0.25	1.80	-1.62	0.00	0.00	0.00	0.00	0.00
19	49	68	0.0	0.0	0.00	-0.90	2.71	-1.57	0.00	0.00	0.00	0.00	0.00
19	50	69	0.0	0.0	0.00	-1.84	1.80	-1.52	0.00	0.00	0.00	0.00	0.00
19	51	70	0.0	0.0	0.00	-1.98	2.70	-1.47	0.00	0.00	0.00	0.00	0.00
20	10	30	0.0	0.0	0.00	2.11	0.00	-2.47	0.00	0.00	0.00	0.00	0.00
20	11	31	0.0	0.0	0.00	2.14	2.16	-2.95	0.00	0.00	0.00	0.00	0.00
20	12	32	3.3	-21.9	-198.15	1.67	0.00	-3.50	-199.98	42.64	0.00	0.00	0.00
20	13	33	2.3	-20.6	-219.38	1.78	2.04	-4.10	-219.66	31.03	0.00	0.00	0.00
20	14	34	1.3	-19.3	-239.30	0.84	0.00	-4.77	-243.23	15.53	0.00	0.00	0.00
20	15	35	0.2	-18.0	-257.96	0.83	1.95	-5.49	-260.67	6.16	4.44	-0.89	-1.72
20	16	36	-0.8	-16.8	-275.39	1.22	0.00	-6.27	-280.44	-5.54	-6.44	0.31	-0.90
20	17	37	-1.9	-15.7	-291.65	1.40	1.87	-7.11	-295.50	-12.53	-13.16	0.76	-0.63
20	18	38	-2.9	-14.6	-306.81	1.64	0.00	-8.02	-313.19	-22.14	-22.06	1.72	0.08
20	19	39	-4.0	-13.6	-320.91	1.79	1.80	-8.98	-326.31	-27.19	-27.28	1.69	-0.09
20	20	40	-5.0	-12.6	-334.03	1.71	0.00	-10.00	-342.32	-35.13	-34.85	1.99	0.28
20	21	41	-6.0	-11.7	-346.20	2.49	1.74	-9.03	-351.00	-35.74	-35.14	3.09	0.60
20	22	42	-7.0	-10.9	-357.50	2.49	0.00	-8.19	-363.19	-39.86	-38.55	3.80	1.31
20	23	43	-8.0	-10.1	-367.97	2.16	1.69	-7.46	-371.58	-40.17	-38.41	3.93	1.76
20	24	44	-8.9	-9.3	-377.66	1.70	0.00	-6.83	-382.78	-43.31	-41.47	3.54	1.84
20	25	45	-9.8	-8.6	-386.62	1.20	1.64	-6.27	-390.05	-42.50	-40.81	2.89	1.69
20	26	46	-10.7	-7.9	-394.89	0.69	0.00	-5.78	-399.98	-44.36	-43.13	1.92	1.23
20	27	47	-11.6	-7.3	-402.52	0.05	1.60	-5.35	-406.22	-42.53	-42.34	0.24	0.19
20	28	48	-12.4	-6.7	-409.54	-0.82	0.00	-4.97	-415.33	-43.56	-44.21	-1.47	-0.65
20	29	49	-13.3	-6.2	-415.99	-0.49	1.56	-4.62	-419.54	-39.71	-41.29	-2.07	-1.58
20	30	50	-14.1	-5.7	-421.90	0.86	0.00	-4.32	-425.36	-37.45	-39.57	-1.26	-2.12

20	31	51-14.8	-5.2	-427.30	1.50	1.53	-4.04	-428.32	-32.34	-35.01	-1.17	-2.67
20	32	52-15.6	-4.7	-432.23	2.13	0.00	-3.79	-433.89	-29.84	0.00	0.00	0.00
20	33	53-16.3	-4.3	-436.71	2.48	1.50	-3.57	-436.30	-24.18	0.00	0.00	0.00
20	34	54-17.0	-3.8	-440.76	2.68	0.00	-3.37	-441.44	-21.25	0.00	0.00	0.00
20	35	55-17.7	-3.5	-444.41	2.79	1.47	-3.18	-443.33	-15.07	0.00	0.00	0.00
20	36	56-18.4	-3.1	-447.68	2.68	0.00	-3.01	-448.02	-11.68	0.00	0.00	0.00
20	37	57-19.0	-2.7	-450.60	3.39	1.44	-2.86	-448.63	-4.22	0.00	0.00	0.00
20	38	58-19.6	-2.4	-453.18	2.41	0.00	-2.72	-453.49	-1.01	0.00	0.00	0.00
20	39	59-20.2	-2.1	-455.45	2.52	1.42	-2.59	-454.10	6.45	0.00	0.00	0.00
20	40	60-20.8	-1.8	-457.41	2.44	0.00	-2.47	-457.44	11.18	0.00	0.00	0.00
20	41	61-21.3	-1.5	-459.10	1.68	1.39	-2.36	-458.38	18.31	0.00	0.00	0.00
20	42	62-21.9	-1.3	-460.51	1.42	0.00	-2.25	-461.35	23.42	0.00	0.00	0.00
20	43	63-22.4	-1.0	-461.68	1.64	1.37	-2.16	-460.83	32.01	0.00	0.00	0.00
20	44	64-22.9	-0.8	-462.61	1.07	0.00	-2.07	-463.61	37.30	0.00	0.00	0.00
20	45	65-23.4	-0.6	-463.31	0.79	1.35	-1.99	-463.16	45.81	0.00	0.00	0.00
20	46	66-23.8	-0.4	-463.81	0.15	0.00	-1.91	-465.58	51.47	0.00	0.00	0.00
20	47	67-24.2	-0.2	-464.12	-0.42	1.33	-1.84	-465.05	60.07	0.00	0.00	0.00
20	48	68-24.6	0.0	-464.25	-1.17	0.00	-1.77	-467.19	66.00	0.00	0.00	0.00
20	49	69 0.0	0.0	0.00	-1.85	1.31	-1.71	0.00	0.00	0.00	0.00	0.00
20	50	70 0.0	0.0	0.00	-3.12	0.00	-1.65	0.00	0.00	0.00	0.00	0.00
20	51	71 0.0	0.0	0.00	-2.64	1.29	-1.60	0.00	0.00	0.00	0.00	0.00
20	52	72 0.0	0.0	0.00	-2.57	0.00	-1.55	0.00	0.00	0.00	0.00	0.00
20	53	73 0.0	0.0	0.00	-2.48	1.28	-1.50	0.00	0.00	0.00	0.00	0.00
21	11	32 0.0	0.0	0.00	3.05	3.24	-2.69	0.00	0.00	0.00	0.00	0.00
21	12	33 0.0	0.0	0.00	2.57	1.74	-3.18	0.00	0.00	0.00	0.00	0.00
21	13	34 3.2-21.5	-216.64	2.66	3.15	-3.72	-214.55	43.43	0.00	0.00	0.00	0.00
21	14	35 2.2-20.3	-237.55	1.72	1.74	-4.32	-238.41	27.64	0.00	0.00	0.00	0.00
21	15	36 1.2-19.1	-257.22	1.69	3.08	-4.97	-257.41	16.71	0.00	0.00	0.00	0.00
21	16	37 0.2-17.9	-275.68	2.06	1.74	-5.67	-277.54	4.65	0.00	0.00	0.00	0.00
21	17	38 -0.8-16.7	-292.97	2.22	3.02	-6.43	-294.16	-3.89	0.00	0.00	0.00	0.00
21	18	39 -1.8-15.7	-309.16	2.44	1.74	-7.24	-312.22	-13.88	-14.17	2.16	-0.29	
21	19	40 -2.8-14.6	-324.29	2.58	2.97	-8.11	-326.84	-20.44	-20.53	2.49	-0.09	
21	20	41 -3.8-13.6	-338.42	2.49	1.74	-9.03	-343.22	-28.74	-28.64	2.59	0.10	
21	21	42 -4.8-12.7	-351.59	3.24	3.65	-10.00	-354.70	-32.16	-32.12	3.28	0.04	
21	22	43 -5.8-11.8	-363.87	3.23	1.74	-9.07	-367.96	-37.34	-36.19	4.39	1.15	
21	23	44 -6.7-11.0	-375.30	2.90	2.90	-8.26	-377.76	-39.07	-37.82	4.15	1.25	
21	24	45 -7.7-10.2	-385.93	2.43	1.74	-7.56	-389.31	-42.55	-41.07	3.91	1.48	
21	25	46 -8.6 -9.5	-395.80	1.93	2.87	-6.94	-397.95	-43.11	-41.76	3.28	1.35	
21	26	47 -9.5 -8.8	-404.97	1.42	1.74	-6.40	-408.21	-45.30	-44.33	2.39	0.97	
21	27	48-10.3 -8.2	-413.47	0.78	2.84	-5.92	-415.77	-44.79	-44.49	1.08	0.30	
21	28	49-11.2 -7.6	-421.33	-0.09	1.74	-5.49	-425.18	-46.13	-46.56	-0.53	-0.43	
21	29	50-12.0 -7.0	-428.61	0.22	2.82	-5.11	-430.68	-43.56	-44.53	-0.75	-0.97	
21	30	51-12.8 -6.4	-435.32	0.86	1.74	-4.77	-437.48	-42.29	-43.22	-0.07	-0.93	
21	31	52-13.6 -5.9	-441.50	1.67	2.79	-4.46	-441.49	-38.23	0.00	0.00	0.00	
21	32	53-14.3 -5.4	-447.18	2.60	1.74	-4.18	-447.02	-35.68	0.00	0.00	0.00	
21	33	54-15.0 -5.0	-452.38	3.27	2.77	-3.93	-450.27	-30.87	0.00	0.00	0.00	
21	34	55-15.8 -4.5	-457.14	3.64	1.74	-3.71	-455.47	-27.99	0.00	0.00	0.00	
21	35	56-16.4 -4.1	-461.48	4.01	2.76	-3.50	-458.22	-22.67	0.00	0.00	0.00	
21	36	57-17.1 -3.7	-465.42	4.09	1.74	-3.31	-462.91	-19.28	0.00	0.00	0.00	
21	37	58-17.8 -3.4	-468.99	4.23	2.74	-3.14	-465.16	-13.46	0.00	0.00	0.00	
21	38	59-18.4 -3.0	-472.19	3.76	1.74	-2.98	-469.67	-9.91	0.00	0.00	0.00	
21	39	60-19.0 -2.7	-475.06	3.52	2.72	-2.84	-471.65	-3.82	0.00	0.00	0.00	
21	40	61-19.6 -2.4	-477.61	2.56	1.74	-2.70	-476.01	-0.10	0.00	0.00	0.00	
21	41	62-20.2 -2.1	-479.85	3.22	2.71	-2.58	-476.50	7.48	0.00	0.00	0.00	
21	42	63-20.7 -1.8	-481.81	2.82	1.74	-2.47	-479.72	12.33	0.00	0.00	0.00	
21	43	64-21.2 -1.6	-483.50	2.49	2.70	-2.36	-480.67	19.45	0.00	0.00	0.00	
21	44	65-21.8 -1.3	-484.93	1.90	1.74	-2.26	-483.55	24.64	0.00	0.00	0.00	
21	45	66-22.3 -1.1	-486.12	1.52	2.69	-2.17	-484.08	32.18	0.00	0.00	0.00	
21	46	67-22.7 -0.8	-487.08	0.79	1.74	-2.09	-486.63	37.70	0.00	0.00	0.00	
21	47	68-23.2 -0.6	-487.82	0.25	2.67	-2.01	-486.91	45.50	0.00	0.00	0.00	
21	48	69-23.6 -0.4	-488.37	-0.55	1.74	-1.93	-489.11	51.37	0.00	0.00	0.00	
21	49	70-24.0 -0.3	-488.72	-1.27	2.66	-1.86	-489.19	59.36	0.00	0.00	0.00	
21	50	71-24.4 -0.1	-488.90	-1.93	1.74	-1.80	-490.89	65.73	0.00	0.00	0.00	
21	51	72 0.0	0.0	0.00	-2.08	2.65	-1.74	0.00	0.00	0.00	0.00	
21	52	73 0.0	0.0	0.00	-2.15	1.74	-1.68	0.00	0.00	0.00	0.00	
21	53	74 0.0	0.0	0.00	-2.17	2.64	-1.63	0.00	0.00	0.00	0.00	

21	54	75	0.0	0.0	0.00	-1.72	1.74	-1.58	0.00	0.00	0.00	0.00	0.00
21	55	76	0.0	0.0	0.00	-0.86	2.63	-1.53	0.00	0.00	0.00	0.00	0.00
22	12	34	0.0	0.0	0.00	2.57	0.00	-2.91	0.00	0.00	0.00	0.00	0.00
22	13	35	3.9-22.4	-213.09	2.66	2.04	-3.40	-211.78	53.48	0.00	0.00	0.00	0.00
22	14	36	3.1-21.2	-234.91	1.74	0.00	-3.93	-237.11	36.23	0.00	0.00	0.00	0.00
22	15	37	2.1-20.0	-255.54	1.71	1.95	-4.52	-256.40	25.01	0.00	0.00	0.00	0.00
22	16	38	1.2-18.9	-274.97	2.07	0.00	-5.15	-278.05	11.43	0.00	0.00	0.00	0.00
22	17	39	0.2-17.7	-293.26	2.23	1.87	-5.84	-295.00	2.55	0.00	0.00	0.00	0.00
22	18	40	-0.8-16.6	-310.44	2.45	0.00	-6.57	-314.56	-8.94	-9.06	2.33	-0.12	
22	19	41	-1.7-15.6	-326.56	2.58	1.80	-7.35	-329.53	-15.84	-15.69	2.73	0.15	
22	20	42	-2.7-14.6	-341.67	2.49	0.00	-8.19	-347.36	-25.60	-25.12	2.97	0.48	
22	21	43	-3.7-13.7	-355.82	3.23	1.74	-9.07	-359.91	-30.07	-29.32	3.99	0.75	
22	22	44	-4.6-12.8	-369.05	3.23	0.00	-10.00	-375.82	-37.91	-37.55	3.59	0.36	
22	23	45	-5.5-12.0	-381.42	2.90	1.69	-9.11	-385.94	-39.96	-39.01	3.86	0.95	
22	24	46	-6.5-11.2	-392.98	2.44	0.00	-8.33	-398.87	-44.82	-44.13	3.13	0.69	
22	25	47	-7.4-10.4	-403.76	1.95	1.64	-7.65	-407.82	-45.70	-44.93	2.71	0.77	
22	26	48	-8.2-9.7	-413.81	1.44	0.00	-7.05	-419.41	-49.22	-48.49	2.17	0.73	
22	27	49	-9.1-9.0	-423.17	0.81	1.60	-6.51	-427.27	-49.01	-48.56	1.26	0.45	
22	28	50	-9.9-8.4	-431.87	-0.05	0.00	-6.04	-437.97	-51.63	-51.43	0.15	0.20	
22	29	51	-10.7-7.8	-439.97	0.26	1.56	-5.62	-443.76	-49.36	-49.73	-0.12	-0.37	
22	30	52	-11.5-7.2	-447.47	1.03	0.00	-5.24	-451.68	-49.21	-49.47	0.77	-0.26	
22	31	53	-12.3-6.7	-454.43	1.73	1.53	-4.90	-456.07	-45.52	-46.82	0.43	-1.30	
22	32	54	-13.1-6.2	-460.87	2.37	0.00	-4.59	-463.09	-44.47	0.00	0.00	0.00	
22	33	55	-13.8-5.7	-466.81	2.82	1.50	-4.32	-466.81	-40.12	0.00	0.00	0.00	
22	34	56	-14.5-5.3	-472.28	3.11	0.00	-4.07	-473.24	-38.47	0.00	0.00	0.00	
22	35	57	-15.2-4.8	-477.32	3.71	1.47	-3.84	-475.98	-33.14	0.00	0.00	0.00	
22	36	58	-15.9-4.4	-481.93	3.66	0.00	-3.63	-481.90	-30.99	0.00	0.00	0.00	
22	37	59	-16.6-4.0	-486.14	3.81	1.44	-3.44	-484.33	-25.35	0.00	0.00	0.00	
22	38	60	-17.2-3.7	-489.98	3.36	0.00	-3.26	-489.89	-22.84	0.00	0.00	0.00	
22	39	61	-17.8-3.3	-493.47	3.11	1.42	-3.10	-492.04	-16.92	0.00	0.00	0.00	
22	40	62	-18.4-3.0	-496.61	2.71	0.00	-2.95	-496.85	-13.66	0.00	0.00	0.00	
22	41	63	-19.0-2.7	-499.43	3.00	1.39	-2.82	-497.85	-6.59	0.00	0.00	0.00	
22	42	64	-19.6-2.4	-501.95	2.10	0.00	-2.69	-502.54	-3.20	0.00	0.00	0.00	
22	43	65	-20.1-2.1	-504.17	2.31	1.37	-2.57	-503.07	4.34	0.00	0.00	0.00	
22	44	66	-20.6-1.8	-506.12	1.46	0.00	-2.47	-507.13	8.35	0.00	0.00	0.00	
22	45	67	-21.1-1.6	-507.82	1.14	1.35	-2.37	-507.69	15.86	0.00	0.00	0.00	
22	46	68	-21.6-1.3	-509.26	0.54	0.00	-2.27	-510.99	20.63	0.00	0.00	0.00	
22	47	69	-22.1-1.1	-510.47	0.00	1.33	-2.18	-511.33	28.37	0.00	0.00	0.00	
22	48	70	-22.6-0.9	-511.46	-0.86	0.00	-2.10	-514.43	33.34	0.00	0.00	0.00	
22	49	71	-23.0-0.7	-512.25	-1.69	1.31	-2.02	-514.65	41.19	0.00	0.00	0.00	
22	50	72	-23.4-0.5	-512.83	-2.65	0.00	-1.95	-517.43	46.47	0.00	0.00	0.00	
22	51	73	-23.8-0.3	-513.23	-2.41	1.29	-1.89	-516.23	55.75	0.00	0.00	0.00	
22	52	74	-24.2-0.1	-513.46	-2.23	0.00	-1.82	-517.51	62.54	0.00	0.00	0.00	
22	53	75	0.0	0.0	0.00	-1.90	1.28	-1.76	0.00	0.00	0.00	0.00	0.00
22	54	76	0.0	0.0	0.00	-1.25	0.00	-1.71	0.00	0.00	0.00	0.00	0.00
22	55	77	0.0	0.0	0.00	-0.61	1.26	-1.65	0.00	0.00	0.00	0.00	0.00
22	56	78	0.0	0.0	0.00	0.14	0.00	-1.60	0.00	0.00	0.00	0.00	0.00
22	57	79	0.0	0.0	0.00	-1.12	1.25	-1.56	0.00	0.00	0.00	0.00	0.00
22	58	80	0.0	0.0	0.00	-0.42	0.00	-1.51	0.00	0.00	0.00	0.00	0.00
23	13	36	0.0	0.0	0.00	2.28	3.12	-3.11	0.00	0.00	0.00	0.00	0.00
23	14	37	3.8-22.1	-231.47	1.38	1.69	-3.60	-232.00	48.62	0.00	0.00	0.00	0.00
23	15	38	3.0-20.9	-252.99	1.37	3.05	-4.13	-252.70	35.99	0.00	0.00	0.00	0.00
23	16	39	2.1-19.8	-273.35	1.73	1.69	-4.71	-274.64	22.13	0.00	0.00	0.00	0.00
23	17	40	1.1-18.7	-292.58	1.89	2.99	-5.33	-293.02	11.81	0.00	0.00	0.00	0.00
23	18	41	0.2-17.6	-310.71	2.11	1.69	-5.99	-312.90	0.01	0.00	0.00	0.00	0.00
23	19	42	-0.7-16.6	-327.78	2.25	2.94	-6.70	-329.30	-8.32	0.00	0.00	0.00	0.00
23	20	43	-1.7-15.6	-343.84	2.16	1.69	-7.46	-347.45	-18.40	0.00	0.00	0.00	0.00
23	21	44	-2.6-14.6	-358.93	2.90	2.90	-8.26	-361.40	-24.27	-23.72	3.46	0.55	
23	22	45	-3.5-13.7	-373.10	2.90	1.69	-9.11	-377.62	-32.43	-31.87	3.46	0.56	
23	23	46	-4.4-12.9	-386.40	2.58	3.51	-10.00	-390.30	-37.04	-37.07	2.55	-0.03	
23	24	47	-5.3-12.1	-398.86	2.13	1.69	-9.15	-404.18	-42.85	-42.00	2.98	0.85	
23	25	48	-6.2-11.3	-410.53	1.65	2.83	-8.39	-414.44	-45.04	-44.47	2.22	0.57	
23	26	49	-7.1-10.6	-421.45	1.15	1.69	-7.73	-426.34	-48.86	-47.96	2.06	0.90	
23	27	50	-7.9-9.9	-431.67	0.54	2.80	-7.15	-435.48	-49.92	-49.22	1.24	0.70	
23	28	51	-8.7-9.2	-441.21	-0.31	1.69	-6.62	-446.45	-52.83	-52.20	0.32	0.63	
23	29	52	-9.6-8.6	-450.11	0.00	2.78	-6.16	-453.50	-51.80	-51.44	0.36	0.36	

23	30	53-10.4	-8.0	-458.42	1.36	1.69	-5.74	-461.11	-51.35	-51.85	0.86	-0.50	
23	31	54-11.1	-7.5	-466.15	2.12	2.75	-5.37	-466.64	-48.81	-49.89	1.04	-1.08	
23	32	55-11.9	-6.9	-473.34	2.53	1.69	-5.03	-474.15	-48.24	-49.15	1.62	-0.91	
23	33	56-12.6	-6.4	-480.02	3.26	2.73	-4.72	-478.75	-44.77	0.00	0.00	0.00	
23	34	57-13.3	-6.0	-486.21	3.49	1.69	-4.45	-485.48	-43.43	0.00	0.00	0.00	
23	35	58-14.0	-5.5	-491.94	4.03	2.71	-4.19	-489.39	-39.27	0.00	0.00	0.00	
23	36	59-14.7	-5.1	-497.23	3.88	1.69	-3.96	-495.63	-37.43	0.00	0.00	0.00	
23	37	60-15.4	-4.7	-502.11	4.41	2.70	-3.75	-498.75	-32.49	0.00	0.00	0.00	
23	38	61-16.0	-4.3	-506.59	4.03	1.69	-3.56	-504.43	-30.09	0.00	0.00	0.00	
23	39	62-16.6	-3.9	-510.69	3.89	2.68	-3.38	-507.50	-25.09	0.00	0.00	0.00	
23	40	63-17.3	-3.6	-514.44	3.26	1.69	-3.22	-512.71	-22.23	0.00	0.00	0.00	
23	41	64-17.8	-3.2	-517.85	3.84	2.67	-3.07	-514.41	-15.86	0.00	0.00	0.00	
23	42	65-18.4	-2.9	-520.93	3.04	1.69	-2.93	-519.13	-12.51	0.00	0.00	0.00	
23	43	66-19.0	-2.6	-523.71	2.25	2.65	-2.80	-521.61	-6.91	0.00	0.00	0.00	
23	44	67-19.5	-2.3	-526.20	2.15	1.69	-2.68	-525.04	-2.28	0.00	0.00	0.00	
23	45	68-20.0	-2.1	-528.41	1.59	2.64	-2.57	-526.75	4.09	0.00	0.00	0.00	
23	46	69-20.5	-1.8	-530.35	0.85	1.69	-2.47	-530.28	8.62	0.00	0.00	0.00	
23	47	70-21.0	-1.6	-532.05	0.33	2.63	-2.37	-531.46	15.52	0.00	0.00	0.00	
23	48	71-21.5	-1.3	-533.51	-0.33	1.69	-2.28	-534.43	20.62	0.00	0.00	0.00	
23	49	72-22.0	-1.1	-534.74	-1.25	2.62	-2.19	-535.57	27.55	0.00	0.00	0.00	
23	50	73-22.4	-0.9	-535.76	-2.04	1.69	-2.12	-538.23	32.97	0.00	0.00	0.00	
23	51	74-22.8	-0.7	-536.58	-1.85	2.61	-2.04	-537.86	41.41	0.00	0.00	0.00	
23	52	75-23.3	-0.5	-537.20	-1.49	1.69	-1.97	-538.97	48.36	0.00	0.00	0.00	
23	53	76-23.7	-0.4	-537.64	-1.05	2.60	-1.91	-538.00	57.41	0.00	0.00	0.00	
23	54	77-24.0	-0.2	-537.92	-0.63	1.69	-1.84	-538.70	64.78	0.00	0.00	0.00	
23	55	78-24.4	0.0	-538.03	-0.40	2.59	-1.79	-537.63	73.92	0.00	0.00	0.00	
23	56	79	0.0	0.0	0.00	-0.10	1.69	-1.73	0.00	0.00	0.00	0.00	
23	57	80	0.0	0.0	0.00	-0.03	2.58	-1.68	0.00	0.00	0.00	0.00	
23	58	81	0.0	0.0	0.00	0.32	1.69	-1.63	0.00	0.00	0.00	0.00	
23	59	82	0.0	0.0	0.00	0.42	2.57	-1.58	0.00	0.00	0.00	0.00	
23	60	83	0.0	0.0	0.00	0.88	1.69	-1.54	0.00	0.00	0.00	0.00	
24	14	38	4.5-22.9	-227.29	0.89	0.00	-3.31	-229.72	58.19	0.00	0.00	0.00	
24	15	39	3.7-21.8	-249.64	0.88	1.95	-3.79	-250.61	45.37	0.00	0.00	0.00	
24	16	40	2.9-20.7	-270.87	1.24	0.00	-4.32	-273.95	30.11	0.00	0.00	0.00	
24	17	41	2.0-19.6	-290.99	1.41	1.87	-4.88	-292.60	19.52	0.00	0.00	0.00	
24	18	42	1.1-18.5	-310.03	1.63	0.00	-5.49	-313.89	6.31	0.00	0.00	0.00	
24	19	43	0.2-17.5	-328.02	1.78	1.80	-6.14	-330.58	-2.32	0.00	0.00	0.00	
24	20	44	-0.7-16.5	-345.00	1.70	0.00	-6.83	-350.12	-13.79	-13.55	1.94	-0.24	
24	21	45	-1.6-15.5	-361.01	2.43	1.74	-7.56	-364.39	-19.98	-19.41	3.01	0.57	
24	22	46	-2.5-14.6	-376.09	2.44	0.00	-8.33	-381.98	-29.50	-29.47	2.47	0.03	
24	23	47	-3.4-13.8	-390.28	2.13	1.69	-9.15	-395.60	-35.05	-34.55	2.64	0.50	
24	24	48	-4.2-12.9	-403.63	1.70	0.00	-10.00	-411.93	-43.31	-42.82	2.19	0.49	
24	25	49	-5.1-12.2	-416.17	1.23	1.64	-9.18	-422.48	-45.79	-45.33	1.69	0.46	
24	26	50	-6.0-11.4	-427.96	0.74	0.00	-8.45	-435.67	-50.90	-50.26	1.38	0.64	
24	27	51	-6.8-10.7	-439.01	0.14	1.60	-7.81	-445.08	-52.25	-51.45	0.94	0.80	
24	28	52	-7.6-10.0	-449.38	-0.69	0.00	-7.24	-457.31	-56.40	-55.41	0.30	0.99	
24	29	53	-8.4	-9.4	-459.09	-0.38	1.56	-6.73	-464.64	-55.66	-55.28	0.00	0.38
24	30	54	-9.2	-8.8	-468.19	0.74	0.00	-6.27	-473.72	-56.67	-56.93	0.48	-0.26
24	31	55-10.0	-8.2	-476.69	1.57	1.53	-5.86	-479.45	-54.33	-55.10	0.80	-0.77	
24	32	56-10.7	-7.7	-484.63	1.98	0.00	-5.49	-488.14	-54.95	-55.29	1.64	-0.34	
24	33	57-11.5	-7.2	-492.05	2.67	1.50	-5.15	-493.03	-51.77	0.00	0.00	0.00	
24	34	58-12.2	-6.7	-498.96	2.90	0.00	-4.85	-500.90	-51.57	0.00	0.00	0.00	
24	35	59-12.9	-6.2	-505.38	3.34	1.47	-4.57	-505.15	-47.74	0.00	0.00	0.00	
24	36	60-13.6	-5.8	-511.36	3.25	0.00	-4.32	-512.42	-46.94	0.00	0.00	0.00	
24	37	61-14.2	-5.3	-516.90	4.28	1.44	-4.09	-515.26	-41.71	0.00	0.00	0.00	
24	38	62-14.9	-4.9	-522.02	4.11	0.00	-3.87	-521.79	-40.16	0.00	0.00	0.00	
24	39	63-15.5	-4.5	-526.75	4.33	1.42	-3.68	-524.69	-34.99	0.00	0.00	0.00	
24	40	64-16.1	-4.2	-531.11	2.93	0.00	-3.50	-531.68	-33.92	0.00	0.00	0.00	
24	41	65-16.7	-3.8	-535.12	3.51	1.39	-3.33	-533.55	-27.71	0.00	0.00	0.00	
24	42	66-17.3	-3.5	-538.78	2.73	0.00	-3.18	-539.23	-25.32	0.00	0.00	0.00	
24	43	67-17.9	-3.2	-542.12	2.29	1.37	-3.04	-541.50	-19.52	0.00	0.00	0.00	
24	44	68-18.4	-2.9	-545.16	1.59	0.00	-2.91	-546.47	-16.42	0.00	0.00	0.00	
24	45	69-18.9	-2.6	-547.90	0.96	1.35	-2.79	-548.37	-10.25	0.00	0.00	0.00	
24	46	70-19.5	-2.3	-550.36	0.23	0.00	-2.67	-552.80	-6.61	0.00	0.00	0.00	
24	47	71-20.0	-2.1	-552.55	-0.18	1.33	-2.57	-553.97	0.30	0.00	0.00	0.00	
24	48	72-20.5	-1.8	-554.50	-0.76	0.00	-2.47	-557.72	4.61	0.00	0.00	0.00	

24	49	73-20.9	-1.6	-556.20	-1.62	1.31	-2.37	-558.88	11.53	0.00	0.00	0.00
24	50	74-21.4	-1.4	-557.67	-2.41	0.00	-2.29	-562.36	16.12	0.00	0.00	0.00
24	51	75-21.8	-1.1	-558.92	-2.13	1.29	-2.20	-561.96	24.59	0.00	0.00	0.00
24	52	76-22.3	-0.9	-559.96	-1.74	0.00	-2.13	-563.83	30.79	0.00	0.00	0.00
24	53	77-22.7	-0.7	-560.81	-1.39	1.28	-2.06	-562.98	39.71	0.00	0.00	0.00
24	54	78-23.1	-0.6	-561.47	-1.09	0.00	-1.99	-564.55	46.22	0.00	0.00	0.00
24	55	79-23.5	-0.4	-561.95	-0.85	1.26	-1.92	-563.47	55.37	0.00	0.00	0.00
24	56	80-23.8	-0.2	-562.27	0.44	0.00	-1.86	-563.69	63.21	0.00	0.00	0.00
24	57	81-24.2	-0.1	-562.43	0.41	1.25	-1.81	-562.58	72.40	0.00	0.00	0.00
24	58	82	0.0	0.0	0.00	0.76	0.00	-1.75	0.00	0.00	0.00	0.00
24	59	83	0.0	0.0	0.00	0.46	1.23	-1.70	0.00	0.00	0.00	0.00
24	60	84	0.0	0.0	0.00	0.83	0.00	-1.65	0.00	0.00	0.00	0.00
24	61	85	0.0	0.0	0.00	0.83	1.22	-1.61	0.00	0.00	0.00	0.00
24	62	86	0.0	0.0	0.00	1.15	0.00	-1.56	0.00	0.00	0.00	0.00
25	15	40	4.4-22.6	-245.54	0.35	3.02	-3.50	-245.67	57.60	0.00	0.00	0.00
25	16	41	3.7-21.5	-267.59	0.72	1.64	-3.98	-269.21	42.13	0.00	0.00	0.00
25	17	42	2.8-20.4	-288.56	0.89	2.96	-4.49	-289.20	30.20	0.00	0.00	0.00
25	18	43	2.0-19.4	-308.47	1.12	1.64	-5.05	-310.75	16.73	0.00	0.00	0.00
25	19	44	1.1-18.4	-327.34	1.27	2.91	-5.64	-328.80	6.75	0.00	0.00	0.00
25	20	45	0.3-17.4	-345.20	1.20	1.64	-6.27	-348.63	-5.00	0.00	0.00	0.00
25	21	46	-0.6-16.4	-362.09	1.93	2.87	-6.94	-364.23	-12.54	0.00	0.00	0.00
25	22	47	-1.5-15.5	-378.05	1.95	1.64	-7.65	-382.11	-22.35	0.00	0.00	0.00
25	23	48	-2.3-14.6	-393.12	1.65	2.83	-8.39	-397.04	-29.20	-29.20	1.65	0.00
25	24	49	-3.2-13.8	-407.34	1.23	1.64	-9.18	-413.65	-37.74	-37.61	1.36	0.13
25	25	50	-4.0-13.0	-420.74	0.77	3.40	-10.00	-426.57	-42.59	-42.62	0.74	-0.03
25	26	51	-4.9-12.3	-433.37	0.30	1.64	-9.21	-440.64	-48.58	-48.24	0.64	0.34
25	27	52	-5.7-11.5	-445.25	-0.29	2.77	-8.51	-451.29	-51.17	-50.70	0.17	0.47
25	28	53	-6.5-10.8	-456.44	-1.11	1.64	-7.88	-463.78	-55.59	-54.69	-0.21	0.90
25	29	54	-7.3-10.2	-466.95	-0.80	2.74	-7.33	-472.33	-56.06	-55.55	-0.28	0.51
25	30	55	-8.1-9.6	-476.82	0.68	1.64	-6.83	-481.33	-56.99	-57.71	-0.04	-0.72
25	31	56	-8.9-9.0	-486.10	1.50	2.72	-6.38	-488.25	-55.84	-56.91	0.43	-1.07
25	32	57	-9.6-8.4	-494.79	1.96	1.64	-5.97	-497.16	-56.68	-57.49	1.15	-0.81
25	33	58-10.3	-7.9	-502.93	2.56	2.70	-5.60	-503.28	-54.73	-55.83	1.46	-1.10
25	34	59-11.0	-7.4	-510.56	2.80	1.64	-5.27	-511.39	-54.76	-55.47	2.09	-0.71
25	35	60-11.7	-6.9	-517.69	3.16	2.68	-4.97	-516.81	-52.12	-53.17	2.11	-1.05
25	36	61-12.4	-6.4	-524.34	3.34	1.64	-4.69	-524.05	-51.28	0.00	0.00	0.00
25	37	62-13.1	-6.0	-530.54	3.96	2.66	-4.44	-528.36	-47.52	0.00	0.00	0.00
25	38	63-13.7	-5.6	-536.32	3.71	1.64	-4.20	-535.17	-46.26	0.00	0.00	0.00
25	39	64-14.4	-5.2	-541.69	4.02	2.64	-3.99	-539.01	-42.03	0.00	0.00	0.00
25	40	65-15.0	-4.8	-546.66	3.79	1.64	-3.79	-545.02	-39.97	0.00	0.00	0.00
25	41	66-15.6	-4.4	-551.27	3.86	2.63	-3.61	-548.39	-35.27	0.00	0.00	0.00
25	42	67-16.2	-4.1	-555.52	2.63	1.64	-3.44	-554.69	-33.49	0.00	0.00	0.00
25	43	68-16.8	-3.7	-559.43	2.52	2.62	-3.29	-557.58	-28.32	0.00	0.00	0.00
25	44	69-17.3	-3.4	-563.02	1.75	1.64	-3.15	-562.77	-25.43	0.00	0.00	0.00
25	45	70-17.9	-3.1	-566.30	1.27	2.60	-3.01	-565.44	-20.03	0.00	0.00	0.00
25	46	71-18.4	-2.8	-569.28	0.47	1.64	-2.89	-570.06	-16.58	0.00	0.00	0.00
25	47	72-18.9	-2.6	-571.99	-0.12	2.59	-2.77	-572.29	-10.74	0.00	0.00	0.00
25	48	73-19.4	-2.3	-574.43	-0.87	1.64	-2.66	-576.32	-6.69	0.00	0.00	0.00
25	49	74-19.9	-2.1	-576.61	-1.81	2.58	-2.56	-578.40	-0.71	0.00	0.00	0.00
25	50	75-20.4	-1.8	-578.54	-2.60	1.64	-2.47	-581.97	3.80	0.00	0.00	0.00
25	51	76-20.8	-1.6	-580.25	-2.16	2.57	-2.38	-582.22	11.62	0.00	0.00	0.00
25	52	77-21.3	-1.4	-581.73	-1.51	1.64	-2.29	-583.89	18.02	0.00	0.00	0.00
25	53	78-21.7	-1.2	-583.00	-1.07	2.56	-2.21	-583.73	26.25	0.00	0.00	0.00
25	54	79-22.1	-1.0	-584.07	-0.61	1.64	-2.14	-585.18	32.87	0.00	0.00	0.00
25	55	80-22.5	-0.8	-584.95	-0.20	2.55	-2.07	-584.67	41.45	0.00	0.00	0.00
25	56	81-22.9	-0.6	-585.64	0.09	1.64	-2.00	-585.92	48.28	0.00	0.00	0.00
25	57	82-23.3	-0.4	-586.16	0.94	2.54	-1.94	-584.63	57.64	0.00	0.00	0.00
25	58	83-23.6	-0.3	-586.52	1.47	1.64	-1.88	-585.29	65.04	0.00	0.00	0.00
25	59	84-24.0	-0.1	-586.73	1.37	2.53	-1.83	-584.65	73.76	0.00	0.00	0.00
25	60	85	0.0	0.0	0.00	1.33	1.64	-1.77	0.00	0.00	0.00	0.00
25	61	86	0.0	0.0	0.00	1.35	2.52	-1.72	0.00	0.00	0.00	0.00
25	62	87	0.0	0.0	0.00	1.51	1.64	-1.68	0.00	0.00	0.00	0.00
25	63	88	0.0	0.0	0.00	1.46	2.51	-1.63	0.00	0.00	0.00	0.00
25	64	89	0.0	0.0	0.00	1.16	1.64	-1.59	0.00	0.00	0.00	0.00
26	16	42	4.4-22.3	-263.57	0.18	0.00	-3.68	-267.07	51.55	0.00	0.00	0.00
26	17	43	3.6-21.2	-285.34	0.36	1.87	-4.15	-287.27	39.43	0.00	0.00	0.00

26	18	44	2.8-20.2	-306.07	0.60	0.00	-4.66	-310.14	24.63	0.00	0.00	0.00
26	19	45	2.0-19.2	-325.78	0.75	1.80	-5.20	-328.44	14.40	0.00	0.00	0.00
26	20	46	1.1-18.2	-344.49	0.69	0.00	-5.78	-349.58	1.32	0.00	0.00	0.00
26	21	47	0.3-17.3	-362.24	1.42	1.74	-6.40	-365.48	-6.50	0.00	0.00	0.00
26	22	48	-0.5-16.4	-379.06	1.44	0.00	-7.05	-384.66	-17.61	-18.12	0.93	-0.51
26	23	49	-1.4-15.5	-394.98	1.15	1.69	-7.73	-399.87	-24.74	-24.58	1.32	0.16
26	24	50	-2.2-14.6	-410.04	0.74	0.00	-8.45	-417.75	-34.55	-34.47	0.83	0.08
26	25	51	-3.0-13.8	-424.28	0.30	1.64	-9.21	-431.55	-40.28	-40.22	0.36	0.06
26	26	52	-3.9-13.1	-437.73	-0.16	0.00	-10.00	-447.89	-48.56	-48.33	0.07	0.23
26	27	53	-4.7-12.3	-450.43	-0.74	1.60	-9.24	-458.81	-51.40	-50.94	-0.28	0.46
26	28	54	-5.5-11.6	-462.42	-1.54	0.00	-8.56	-472.52	-57.04	-56.25	-0.75	0.79
26	29	55	-6.2-11.0	-473.72	-1.22	1.56	-7.95	-481.34	-57.79	-57.47	-0.91	0.32
26	30	56	-7.0-10.3	-484.37	0.05	0.00	-7.41	-491.73	-60.11	-60.60	-0.44	-0.49
26	31	57	-7.8-9.7	-494.40	0.72	1.53	-6.92	-499.07	-59.38	-60.18	-0.08	-0.80
26	32	58	-8.5-9.2	-503.84	1.22	0.00	-6.48	-509.10	-61.33	-62.15	0.40	-0.82
26	33	59	-9.2-8.6	-512.72	1.94	1.50	-6.08	-515.35	-59.52	-60.66	0.80	-1.14
26	34	60	-10.0-8.1	-521.05	2.07	0.00	-5.71	-524.69	-60.79	-61.41	1.45	-0.62
26	35	61	-10.6-7.6	-528.88	2.38	1.47	-5.38	-530.41	-58.43	-58.92	1.89	-0.49
26	36	62	-11.3-7.1	-536.21	2.59	0.00	-5.08	-538.70	-58.65	-58.89	2.35	-0.24
26	37	63	-12.0-6.6	-543.08	3.10	1.44	-4.80	-543.35	-55.22	-55.98	2.34	-0.76
26	38	64	-12.6-6.2	-549.51	2.70	0.00	-4.55	-551.36	-55.16	0.00	0.00	0.00
26	39	65	-13.3-5.8	-555.51	2.60	1.42	-4.32	-555.81	-51.55	0.00	0.00	0.00
26	40	66	-13.9-5.4	-561.11	2.24	0.00	-4.10	-562.97	-50.63	0.00	0.00	0.00
26	41	67	-14.5-5.0	-566.32	2.81	1.39	-3.91	-566.02	-45.61	0.00	0.00	0.00
26	42	68	-15.1-4.7	-571.16	1.97	0.00	-3.72	-572.91	-44.43	0.00	0.00	0.00
26	43	69	-15.7-4.3	-575.64	1.99	1.37	-3.55	-575.84	-39.28	0.00	0.00	0.00
26	44	70	-16.2-4.0	-579.79	1.26	0.00	-3.40	-581.93	-37.31	0.00	0.00	0.00
26	45	71	-16.8-3.7	-583.62	0.67	1.35	-3.25	-584.85	-32.16	0.00	0.00	0.00
26	46	72	-17.3-3.4	-587.14	-0.17	0.00	-3.11	-590.42	-29.66	0.00	0.00	0.00
26	47	73	-17.9-3.1	-590.36	-0.69	1.33	-2.99	-592.71	-23.87	0.00	0.00	0.00
26	48	74	-18.4-2.8	-593.31	-1.54	0.00	-2.87	-597.72	-20.81	0.00	0.00	0.00
26	49	75	-18.9-2.5	-595.98	-2.42	1.31	-2.76	-599.85	-14.87	0.00	0.00	0.00
26	50	76	-19.3-2.3	-598.40	-3.36	0.00	-2.65	-604.41	-11.36	0.00	0.00	0.00
26	51	77	-19.8-2.0	-600.56	-2.77	1.29	-2.56	-604.60	-3.47	0.00	0.00	0.00
26	52	78	-20.3-1.8	-602.50	-2.04	0.00	-2.47	-607.01	2.19	0.00	0.00	0.00
26	53	79	-20.7-1.6	-604.21	-1.71	1.28	-2.38	-607.02	10.25	0.00	0.00	0.00
26	54	80	-21.1-1.4	-605.70	-0.82	0.00	-2.30	-608.82	16.52	0.00	0.00	0.00
26	55	81	-21.6-1.2	-606.99	-0.25	1.26	-2.22	-608.20	25.21	0.00	0.00	0.00
26	56	82	-22.0-1.0	-608.08	0.18	0.00	-2.15	-610.05	31.43	0.00	0.00	0.00
26	57	83	-22.4-0.8	-608.99	0.58	1.25	-2.08	-609.24	40.31	0.00	0.00	0.00
26	58	84	-22.7-0.6	-609.71	1.49	0.00	-2.02	-610.24	47.38	0.00	0.00	0.00
26	59	85	-23.1-0.5	-610.27	1.50	1.23	-1.96	-609.50	56.20	0.00	0.00	0.00
26	60	86	-23.5-0.3	-610.67	1.26	0.00	-1.90	-611.31	62.46	0.00	0.00	0.00
26	61	87	-23.8-0.2	-610.91	1.28	1.22	-1.85	-610.26	71.58	0.00	0.00	0.00
26	62	88	-24.1 0.0	-611.02	1.55	0.00	-1.79	-611.26	78.65	0.00	0.00	0.00
26	63	89	0.0 0.0	0.00	1.21	1.21	-1.74	0.00	0.00	0.00	0.00	0.00
26	64	90	0.0 0.0	0.00	0.98	0.00	-1.70	0.00	0.00	0.00	0.00	0.00
26	65	91	0.0 0.0	0.00	1.47	1.19	-1.65	0.00	0.00	0.00	0.00	0.00
26	66	92	0.0 0.0	0.00	0.35	0.00	-1.61	0.00	0.00	0.00	0.00	0.00
27	17	44	4.3-22.0	-281.38	-0.31	2.94	-3.85	-282.60	51.38	0.00	0.00	0.00
27	18	45	3.6-21.0	-302.89	-0.06	1.60	-4.32	-305.67	36.38	0.00	0.00	0.00
27	19	46	2.8-20.0	-323.41	0.10	2.88	-4.82	-325.24	24.88	0.00	0.00	0.00
27	20	47	2.0-19.0	-342.93	0.05	1.60	-5.35	-346.63	11.56	0.00	0.00	0.00
27	21	48	1.2-18.1	-361.50	0.78	2.84	-5.92	-363.80	2.46	0.00	0.00	0.00
27	22	49	0.4-17.2	-379.14	0.81	1.60	-6.51	-383.25	-8.91	0.00	0.00	0.00
27	23	50	-0.5-16.3	-395.89	0.54	2.80	-7.15	-399.70	-17.29	0.00	0.00	0.00
27	24	51	-1.3-15.5	-411.78	0.14	1.60	-7.81	-417.85	-27.37	0.00	0.00	0.00
27	25	52	-2.1-14.7	-426.83	-0.29	2.77	-8.51	-432.87	-34.32	-34.35	-0.33	-0.03
27	26	53	-2.9-13.9	-441.10	-0.74	1.60	-9.24	-449.47	-42.85	-42.64	-0.53	0.21
27	27	54	-3.7-13.1	-454.60	-1.30	3.29	-10.00	-462.61	-47.92	-48.01	-1.40	-0.09
27	28	55	-4.5-12.4	-467.38	-2.09	1.60	-9.26	-477.13	-54.36	-54.02	-1.75	0.34
27	29	56	-5.2-11.7	-479.46	-1.77	2.71	-8.61	-487.12	-56.28	-56.04	-1.53	0.24
27	30	57	-6.0-11.1	-490.87	-0.89	1.60	-8.02	-498.18	-59.27	-59.34	-0.96	-0.07
27	31	58	-6.7-10.5	-501.65	0.11	2.69	-7.49	-506.34	-59.36	-59.84	-0.37	-0.48
27	32	59	-7.5-9.9	-511.83	0.77	1.60	-7.01	-516.46	-61.41	-62.22	-0.04	-0.81
27	33	60	-8.2-9.3	-521.43	1.39	2.67	-6.57	-523.94	-60.82	-61.65	0.56	-0.83

27	34	61	-8.9	-8.8	-530.47	1.75	1.60	-6.18	-533.30	-62.10	-62.90	0.95	-0.80
27	35	62	-9.6	-8.3	-538.99	2.35	2.65	-5.82	-539.81	-60.54	-61.43	1.46	-0.89
27	36	63	-10.3	-7.8	-547.01	2.41	1.60	-5.49	-548.48	-61.15	-61.84	1.72	-0.69
27	37	64	-10.9	-7.3	-554.54	2.89	2.63	-5.19	-554.21	-58.80	-59.79	1.90	-0.99
27	38	65	-11.6	-6.9	-561.62	2.56	1.60	-4.91	-562.37	-58.89	-59.17	2.28	-0.28
27	39	66	-12.2	-6.4	-568.25	2.59	2.61	-4.66	-567.71	-56.16	-56.76	1.99	-0.60
27	40	67	-12.8	-6.0	-574.47	2.23	1.60	-4.43	-575.07	-55.45	0.00	0.00	0.00
27	41	68	-13.4	-5.6	-580.29	2.45	2.60	-4.21	-579.46	-51.76	0.00	0.00	0.00
27	42	69	-14.0	-5.2	-585.72	1.78	1.60	-4.01	-586.36	-50.59	0.00	0.00	0.00
27	43	70	-14.6	-4.9	-590.79	1.70	2.58	-3.83	-590.34	-46.50	0.00	0.00	0.00
27	44	71	-15.2	-4.5	-595.51	1.04	1.60	-3.66	-596.52	-44.62	0.00	0.00	0.00
27	45	72	-15.7	-4.2	-599.89	0.52	2.57	-3.50	-600.30	-40.32	0.00	0.00	0.00
27	46	73	-16.3	-3.9	-603.94	-0.29	1.60	-3.35	-605.99	-37.93	0.00	0.00	0.00
27	47	74	-16.8	-3.6	-607.69	-0.91	2.56	-3.21	-609.26	-33.14	0.00	0.00	0.00
27	48	75	-17.3	-3.3	-611.15	-1.88	1.60	-3.09	-614.52	-30.32	0.00	0.00	0.00
27	49	76	-17.8	-3.0	-614.32	-2.79	2.54	-2.96	-617.53	-25.27	0.00	0.00	0.00
27	50	77	-18.3	-2.8	-617.23	-3.60	1.60	-2.85	-622.08	-21.74	0.00	0.00	0.00
27	51	78	-18.8	-2.5	-619.87	-3.03	2.53	-2.75	-623.11	-14.70	0.00	0.00	0.00
27	52	79	-19.3	-2.3	-622.27	-2.30	1.60	-2.65	-625.61	-9.13	0.00	0.00	0.00
27	53	80	-19.7	-2.0	-624.42	-1.72	2.52	-2.55	-626.17	-1.62	0.00	0.00	0.00
27	54	81	-20.2	-1.8	-626.35	-0.95	1.60	-2.47	-628.17	4.45	0.00	0.00	0.00
27	55	82	-20.6	-1.6	-628.07	-0.32	2.51	-2.38	-628.26	12.44	0.00	0.00	0.00
27	56	83	-21.0	-1.4	-629.57	0.12	1.60	-2.31	-630.15	18.61	0.00	0.00	0.00
27	57	84	-21.4	-1.2	-630.87	0.91	2.50	-2.23	-629.69	27.14	0.00	0.00	0.00
27	58	85	-21.8	-1.0	-631.99	1.80	1.60	-2.16	-630.75	34.16	0.00	0.00	0.00
27	59	86	-22.2	-0.8	-632.92	1.73	2.49	-2.10	-630.79	42.19	0.00	0.00	0.00
27	60	87	-22.6	-0.7	-633.68	1.72	1.60	-2.03	-632.39	48.66	0.00	0.00	0.00
27	61	88	-22.9	-0.5	-634.27	1.61	2.49	-1.97	-632.15	56.98	0.00	0.00	0.00
27	62	89	-23.3	-0.4	-634.70	1.74	1.60	-1.92	-633.28	63.91	0.00	0.00	0.00
27	63	90	-23.6	-0.2	-634.99	1.57	2.48	-1.86	-632.80	72.46	0.00	0.00	0.00
27	64	91	-23.9	-0.1	-635.13	1.19	1.60	-1.81	-634.16	79.18	0.00	0.00	0.00
27	65	92	0.0	0.0	0.00	1.70	2.47	-1.76	0.00	0.00	0.00	0.00	0.00
27	66	93	0.0	0.0	0.00	1.83	1.60	-1.72	0.00	0.00	0.00	0.00	0.00
27	67	94	0.0	0.0	0.00	1.17	2.46	-1.67	0.00	0.00	0.00	0.00	0.00
27	68	95	0.0	0.0	0.00	1.13	1.60	-1.63	0.00	0.00	0.00	0.00	0.00
27	69	96	0.0	0.0	0.00	0.81	2.46	-1.59	0.00	0.00	0.00	0.00	0.00
28	18	46	4.3	-21.8	-298.98	-0.96	0.00	-4.01	-303.95	45.38	0.00	0.00	0.00
28	19	47	3.5	-20.8	-320.26	-0.79	1.80	-4.47	-323.72	33.69	0.00	0.00	0.00
28	20	48	2.8	-19.8	-340.56	-0.82	0.00	-4.97	-346.35	19.13	0.00	0.00	0.00
28	21	49	2.0	-18.9	-359.92	-0.09	1.74	-5.49	-363.77	9.78	0.00	0.00	0.00
28	22	50	1.2	-18.0	-378.36	-0.05	0.00	-6.04	-384.46	-2.83	0.00	0.00	0.00
28	23	51	0.4	-17.1	-395.91	-0.31	1.69	-6.62	-401.16	-11.46	0.00	0.00	0.00
28	24	52	-0.4	-16.3	-412.60	-0.69	0.00	-7.24	-420.52	-22.76	-22.91	-0.84	-0.15
28	25	53	-1.2	-15.4	-428.45	-1.11	1.64	-7.88	-435.80	-29.96	-29.38	-0.53	0.58
28	26	54	-1.9	-14.7	-443.50	-1.54	0.00	-8.56	-453.60	-39.69	-39.21	-1.06	0.48
28	27	55	-2.7	-13.9	-457.79	-2.09	1.60	-9.26	-467.54	-45.56	-45.33	-1.85	0.23
28	28	56	-3.5	-13.2	-471.34	-2.85	0.00	-10.00	-484.19	-54.14	-53.90	-2.61	0.24
28	29	57	-4.2	-12.5	-484.19	-2.53	1.56	-9.29	-494.44	-56.32	-56.08	-2.29	0.24
28	30	58	-5.0	-11.8	-496.36	-1.58	0.00	-8.65	-506.59	-60.39	-60.22	-1.41	0.17
28	31	59	-5.7	-11.2	-507.88	-0.68	1.53	-8.08	-515.11	-60.84	-61.15	-0.99	-0.31
28	32	60	-6.5	-10.6	-518.79	-0.16	0.00	-7.56	-526.50	-64.17	-64.47	-0.46	-0.30
28	33	61	-7.2	-10.0	-529.10	0.59	1.50	-7.09	-534.10	-63.69	-64.22	0.06	-0.53
28	34	62	-7.9	-9.5	-538.85	1.10	0.00	-6.66	-544.41	-65.93	-66.74	0.29	-0.81
28	35	63	-8.6	-8.9	-548.06	1.58	1.47	-6.27	-551.28	-64.73	-65.51	0.80	-0.78
28	36	64	-9.2	-8.4	-556.75	1.63	0.00	-5.92	-561.04	-66.41	-67.10	0.94	-0.69
28	37	65	-9.9	-8.0	-564.95	1.76	1.44	-5.59	-567.34	-64.64	-65.12	1.28	-0.48
28	38	66	-10.5	-7.5	-572.68	1.55	0.00	-5.29	-576.42	-65.65	-66.03	1.17	-0.38
28	39	67	-11.2	-7.1	-579.95	1.25	1.42	-5.02	-582.30	-63.46	-63.74	0.97	-0.28
28	40	68	-11.8	-6.6	-586.79	1.02	0.00	-4.77	-590.53	-63.62	-63.48	1.16	0.14
28	41	69	-12.4	-6.2	-593.21	1.69	1.39	-4.53	-594.66	-59.68	-60.46	0.91	-0.78
28	42	70	-13.0	-5.8	-599.24	0.80	0.00	-4.32	-602.76	-59.71	0.00	0.00	0.00
28	43	71	-13.6	-5.5	-604.89	0.98	1.37	-4.12	-606.66	-55.54	0.00	0.00	0.00
28	44	72	-14.2	-5.1	-610.18	0.54	0.00	-3.93	-613.57	-54.38	0.00	0.00	0.00
28	45	73	-14.7	-4.8	-615.11	0.00	1.35	-3.76	-617.52	-50.26	0.00	0.00	0.00
28	46	74	-15.3	-4.4	-619.72	-0.69	0.00	-3.60	-624.01	-48.67	0.00	0.00	0.00
28	47	75	-15.8	-4.1	-624.00	-1.57	1.33	-3.45	-627.69	-44.28	0.00	0.00	0.00

28	48	76-16.3	-3.8	-627.97	-2.47	0.00	-3.31	-633.75	-42.27	0.00	0.00	0.00
28	49	77-16.8	-3.5	-631.65	-3.33	1.31	-3.18	-636.85	-37.30	0.00	0.00	0.00
28	50	78-17.3	-3.3	-635.05	-4.76	0.00	-3.06	-642.87	-35.24	0.00	0.00	0.00
28	51	79-17.8	-3.0	-638.17	-3.62	1.29	-2.94	-643.44	-27.75	0.00	0.00	0.00
28	52	80-18.3	-2.7	-641.04	-3.33	0.00	-2.84	-647.21	-23.44	0.00	0.00	0.00
28	53	81-18.7	-2.5	-643.66	-2.35	1.28	-2.74	-647.46	-15.63	0.00	0.00	0.00
28	54	82-19.2	-2.3	-646.03	-1.91	0.00	-2.64	-650.58	-10.67	0.00	0.00	0.00
28	55	83-19.6	-2.0	-648.18	-0.67	1.26	-2.55	-650.14	-2.16	0.00	0.00	0.00
28	56	84-20.1	-1.8	-650.11	-0.06	0.00	-2.47	-652.63	3.42	0.00	0.00	0.00
28	57	85-20.5	-1.6	-651.82	0.54	1.25	-2.39	-652.42	11.70	0.00	0.00	0.00
28	58	86-20.9	-1.4	-653.34	1.62	0.00	-2.31	-654.03	18.17	0.00	0.00	0.00
28	59	87-21.3	-1.2	-654.66	1.78	1.23	-2.24	-653.88	26.38	0.00	0.00	0.00
28	60	88-21.7	-1.0	-655.79	1.75	0.00	-2.17	-656.21	32.12	0.00	0.00	0.00
28	61	89-22.0	-0.9	-656.75	1.67	1.22	-2.11	-655.97	40.44	0.00	0.00	0.00
28	62	90-22.4	-0.7	-657.54	1.70	0.00	-2.05	-657.88	46.60	0.00	0.00	0.00
28	63	91-22.7	-0.5	-658.16	1.52	1.21	-1.99	-657.42	55.13	0.00	0.00	0.00
28	64	92-23.1	-0.4	-658.63	1.42	0.00	-1.93	-659.14	61.48	0.00	0.00	0.00
28	65	93-23.4	-0.2	-658.95	1.48	1.19	-1.88	-658.16	70.53	0.00	0.00	0.00
28	66	94-23.7	-0.1	-659.14	1.73	0.00	-1.83	-659.24	77.53	0.00	0.00	0.00
28	67	95	0.0	0.0	0.00	1.51	1.18	-1.78	0.00	0.00	0.00	0.00
28	68	96	0.0	0.0	0.00	1.19	0.00	-1.74	0.00	0.00	0.00	0.00
28	69	97	0.0	0.0	0.00	0.76	1.17	-1.69	0.00	0.00	0.00	0.00
28	70	98	0.0	0.0	0.00	0.61	0.00	-1.65	0.00	0.00	0.00	0.00
28	71	99	0.0	0.0	0.00	0.05	1.16	-1.61	0.00	0.00	0.00	0.00
29	19	48	4.2-21.5	-316.38	-0.46	2.86	-4.17	-318.14	46.55	0.00	0.00	0.00
29	20	49	3.5-20.6	-337.43	-0.49	1.56	-4.62	-340.99	31.78	0.00	0.00	0.00
29	21	50	2.8-19.7	-357.55	0.22	2.82	-5.11	-359.62	21.21	0.00	0.00	0.00
29	22	51	2.0-18.8	-376.76	0.26	1.56	-5.62	-380.56	8.35	0.00	0.00	0.00
29	23	52	1.2-17.9	-395.08	0.00	2.78	-6.16	-398.46	-1.48	0.00	0.00	0.00
29	24	53	0.5-17.0	-412.54	-0.38	1.56	-6.73	-418.09	-13.04	0.00	0.00	0.00
29	25	54	-0.3-16.2	-429.17	-0.80	2.74	-7.33	-434.55	-21.42	0.00	0.00	0.00
29	26	55	-1.0-15.4	-444.99	-1.22	1.56	-7.95	-452.61	-31.41	0.00	0.00	0.00
29	27	56	-1.8-14.7	-460.05	-1.77	2.71	-8.61	-467.71	-38.45	-38.55	-1.87	-0.10
29	28	57	-2.6-14.0	-474.36	-2.53	1.56	-9.29	-484.61	-47.27	-47.31	-2.56	-0.04
29	29	58	-3.3-13.3	-487.96	-2.21	3.20	-10.00	-496.97	-51.56	-51.66	-2.31	-0.10
29	30	59	-4.0-12.6	-500.87	-0.65	1.56	-9.31	-509.27	-55.79	-56.35	-1.21	-0.56
29	31	60	-4.8-11.9	-513.12	0.35	2.66	-8.69	-518.81	-57.26	-58.34	-0.73	-1.08
29	32	61	-5.5-11.3	-524.75	0.88	1.56	-8.13	-530.44	-60.82	-61.98	-0.28	-1.16
29	33	62	-6.2-10.7	-535.77	1.53	2.64	-7.63	-539.23	-61.54	-62.80	0.27	-1.26
29	34	63	-6.9-10.2	-546.22	1.86	1.56	-7.17	-549.96	-64.20	-65.58	0.48	-1.38
29	35	64	-7.6 -9.6	-556.11	2.42	2.62	-6.75	-557.82	-63.99	-65.42	0.99	-1.43
29	36	65	-8.2 -9.1	-565.48	2.33	1.56	-6.36	-567.95	-66.04	-67.26	1.11	-1.22
29	37	66	-8.9 -8.6	-574.34	2.69	2.60	-6.01	-575.06	-65.08	-66.25	1.52	-1.17
29	38	67	-9.5 -8.1	-582.71	2.36	1.56	-5.69	-584.48	-66.42	-67.30	1.48	-0.88
29	39	68	-10.2 -7.7	-590.62	2.62	2.58	-5.39	-590.81	-64.68	-65.54	1.76	-0.86
29	40	69	-10.8 -7.2	-598.08	2.30	1.56	-5.12	-599.34	-65.14	-65.74	1.70	-0.60
29	41	70	-11.4 -6.8	-605.11	2.51	2.57	-4.87	-604.91	-62.64	-62.96	2.19	-0.32
29	42	71	-12.0 -6.4	-611.74	1.91	1.56	-4.63	-612.90	-62.56	0.00	0.00	0.00
29	43	72	-12.6 -6.0	-617.97	1.74	2.55	-4.42	-618.10	-59.69	0.00	0.00	0.00
29	44	73	-13.2 -5.7	-623.83	0.99	1.56	-4.22	-625.50	-59.02	0.00	0.00	0.00
29	45	74	-13.7 -5.3	-629.32	0.53	2.54	-4.03	-630.29	-55.74	0.00	0.00	0.00
29	46	75	-14.3 -5.0	-634.47	-0.32	1.56	-3.86	-637.09	-54.47	0.00	0.00	0.00
29	47	76	-14.8 -4.7	-639.29	-0.95	2.52	-3.70	-641.41	-50.72	0.00	0.00	0.00
29	48	77	-15.3 -4.3	-643.79	-1.87	1.56	-3.55	-647.64	-48.88	0.00	0.00	0.00
29	49	78	-15.8 -4.0	-647.98	-2.68	2.51	-3.41	-651.55	-44.72	0.00	0.00	0.00
29	50	79	-16.3 -3.8	-651.87	-3.48	1.56	-3.27	-657.07	-42.16	0.00	0.00	0.00
29	51	80	-16.8 -3.5	-655.49	-2.88	2.50	-3.15	-659.02	-36.04	0.00	0.00	0.00
29	52	81	-17.3 -3.2	-658.83	-2.15	1.56	-3.03	-662.45	-31.40	0.00	0.00	0.00
29	53	82	-17.8 -3.0	-661.91	-1.39	2.49	-2.93	-663.74	-24.62	0.00	0.00	0.00
29	54	83	-18.2 -2.7	-664.75	-0.91	1.56	-2.82	-666.92	-19.72	0.00	0.00	0.00
29	55	84	-18.7 -2.5	-667.34	-0.28	2.48	-2.73	-667.86	-12.59	0.00	0.00	0.00
29	56	85	-19.1 -2.2	-669.70	0.17	1.56	-2.63	-670.60	-7.26	0.00	0.00	0.00
29	57	86	-19.5 -2.0	-671.83	0.82	2.47	-2.55	-671.09	0.32	0.00	0.00	0.00
29	58	87	-20.0 -1.8	-673.76	1.85	1.56	-2.47	-672.81	6.67	0.00	0.00	0.00
29	59	88	-20.4 -1.6	-675.48	2.05	2.46	-2.39	-673.36	14.20	0.00	0.00	0.00
29	60	89	-20.8 -1.4	-677.00	1.76	1.56	-2.32	-675.99	19.63	0.00	0.00	0.00

29	61	90-21.1	-1.2	-678.34	1.75	2.45	-2.25	-676.38	27.31	0.00	0.00	0.00
29	62	91-21.5	-1.1	-679.49	1.97	1.56	-2.18	-678.14	33.63	0.00	0.00	0.00
29	63	92-21.9	-0.9	-680.47	1.73	2.44	-2.12	-678.41	41.42	0.00	0.00	0.00
29	64	93-22.2	-0.7	-681.29	1.66	1.56	-2.06	-680.12	47.79	0.00	0.00	0.00
29	65	94-22.6	-0.6	-681.94	1.97	2.44	-2.00	-679.54	56.44	0.00	0.00	0.00
29	66	95-22.9	-0.4	-682.45	2.28	1.56	-1.95	-680.55	63.50	0.00	0.00	0.00
29	67	96-23.2	-0.3	-682.81	2.19	2.43	-1.90	-680.08	72.04	0.00	0.00	0.00
29	68	97-23.5	-0.2	-683.03	1.92	1.56	-1.85	-681.39	78.80	0.00	0.00	0.00
29	69	98-23.8	0.0	-683.12	1.58	2.42	-1.80	-680.92	87.35	0.00	0.00	0.00
29	70	99 0.0	0.0	0.00	1.28	1.56	-1.76	0.00	0.00	0.00	0.00	0.00
29	71	100 0.0	0.0	0.00	1.37	2.42	-1.71	0.00	0.00	0.00	0.00	0.00
29	72	101 0.0	0.0	0.00	1.54	1.56	-1.67	0.00	0.00	0.00	0.00	0.00
29	73	102 0.0	0.0	0.00	1.20	2.41	-1.63	0.00	0.00	0.00	0.00	0.00
30	21	51 3.5-20.4		-354.43	1.05	1.74	-4.77	-356.40	31.72	0.00	0.00	0.00
30	22	52 2.8-19.5		-374.38	1.19	0.00	-5.24	-378.43	17.77	0.00	0.00	0.00
30	23	53 2.0-18.6		-393.44	1.83	1.69	-5.74	-395.67	8.60	0.00	0.00	0.00
30	24	54 1.3-17.8		-411.65	1.08	0.00	-6.27	-416.84	-4.51	0.00	0.00	0.00
30	25	55 0.5-17.0		-429.03	1.12	1.64	-6.83	-433.10	-12.69	0.00	0.00	0.00
30	26	56 -0.2-16.2		-445.61	0.22	0.00	-7.41	-452.80	-24.32	-25.95	-1.41	-1.63
30	27	57 -0.9-15.4		-461.41	-0.30	1.60	-8.02	-468.13	-31.58	-32.70	-1.42	-1.12
30	28	58 -1.7-14.7		-476.46	-1.01	0.00	-8.65	-486.13	-41.50	-42.29	-1.80	-0.79
30	29	59 -2.4-14.0		-490.80	-0.32	1.56	-9.31	-498.87	-46.18	-47.26	-1.40	-1.08
30	30	60 -3.1-13.3		-504.44	0.35	0.00	-10.00	-514.09	-53.33	-54.18	-0.50	-0.85
30	31	61 -3.8-12.7		-517.42	1.16	1.53	-9.33	-524.06	-55.23	-56.34	0.05	-1.11
30	32	62 -4.5-12.0		-529.75	1.57	0.00	-8.73	-536.92	-60.01	-61.17	0.41	-1.16
30	33	63 -5.2-11.4		-541.48	2.26	1.50	-8.19	-545.91	-60.93	-62.21	0.98	-1.28
30	34	64 -5.9-10.9		-552.62	2.53	0.00	-7.69	-557.78	-64.73	-66.00	1.26	-1.27
30	35	65 -6.6-10.3		-563.19	2.88	1.47	-7.24	-566.08	-64.96	-65.91	1.93	-0.95
30	36	66 -7.3 -9.8		-573.22	2.89	0.00	-6.83	-577.16	-67.96	-68.90	1.95	-0.94
30	37	67 -7.9 -9.3		-582.73	3.16	1.44	-6.45	-584.58	-67.32	-67.88	2.60	-0.56
30	38	68 -8.6 -8.8		-591.75	2.99	0.00	-6.10	-594.86	-69.53	-70.00	2.52	-0.47
30	39	69 -9.2 -8.3		-600.29	3.33	1.42	-5.78	-601.33	-67.92	-68.42	2.83	-0.50
30	40	70 -9.8 -7.9		-608.37	2.94	0.00	-5.49	-610.92	-69.44	-69.56	2.82	-0.12
30	41	71-10.4 -7.4		-616.01	3.25	1.39	-5.22	-616.59	-67.04	-67.32	2.97	-0.28
30	42	72-11.0 -7.0		-623.24	2.59	0.00	-4.97	-625.61	-67.99	-68.13	2.45	-0.14
30	43	73-11.6 -6.6		-630.05	2.43	1.37	-4.73	-630.99	-65.29	-65.41	2.31	-0.12
30	44	74-12.2 -6.2		-636.48	1.30	0.00	-4.52	-639.70	-65.94	-65.71	1.53	0.23
30	45	75-12.7 -5.9		-642.54	0.90	1.35	-4.32	-644.61	-62.77	-62.47	1.20	0.30
30	46	76-13.3 -5.5		-648.24	0.02	0.00	-4.13	-652.35	-62.44	-62.28	0.18	0.16
30	47	77-13.8 -5.2		-653.59	-0.48	1.33	-3.96	-656.70	-58.72	-58.60	-0.36	0.12
30	48	78-14.3 -4.9		-658.61	-1.41	0.00	-3.79	-663.82	-57.77	0.00	0.00	0.00
30	49	79-14.9 -4.6		-663.32	-1.99	1.31	-3.64	-667.64	-53.52	-54.17	-2.64	-0.65
30	50	80-15.4 -4.3		-667.72	-2.83	0.00	-3.50	-674.05	-51.86	-52.16	-3.13	-0.30
30	51	81-15.9 -4.0		-671.83	-2.30	1.29	-3.37	-676.20	-45.94	0.00	0.00	0.00
30	52	82-16.3 -3.7		-675.65	-1.49	0.00	-3.24	-680.39	-42.05	0.00	0.00	0.00
30	53	83-16.8 -3.4		-679.21	-0.89	1.28	-3.12	-681.94	-35.53	0.00	0.00	0.00
30	54	84-17.3 -3.2		-682.50	-0.47	0.00	-3.01	-685.98	-31.50	0.00	0.00	0.00
30	55	85-17.7 -2.9		-685.54	-0.01	1.26	-2.91	-687.20	-24.65	0.00	0.00	0.00
30	56	86-18.2 -2.7		-688.34	0.35	0.00	-2.81	-690.80	-20.18	0.00	0.00	0.00
30	57	87-18.6 -2.5		-690.91	1.14	1.25	-2.72	-691.24	-12.54	0.00	0.00	0.00
30	58	88-19.0 -2.2		-693.25	1.88	0.00	-2.63	-694.00	-7.24	0.00	0.00	0.00
30	59	89-19.4 -2.0		-695.38	2.31	1.23	-2.54	-694.38	0.45	0.00	0.00	0.00
30	60	90-19.8 -1.8		-697.30	2.16	0.00	-2.47	-697.61	5.30	0.00	0.00	0.00
30	61	91-20.2 -1.6		-699.03	2.37	1.22	-2.39	-697.83	13.15	0.00	0.00	0.00
30	62	92-20.6 -1.4		-700.56	2.58	0.00	-2.32	-700.30	18.75	0.00	0.00	0.00
30	63	93-21.0 -1.3		-701.91	2.13	1.21	-2.25	-700.83	26.30	0.00	0.00	0.00
30	64	94-21.4 -1.1		-703.08	2.09	0.00	-2.19	-703.18	32.01	0.00	0.00	0.00
30	65	95-21.7 -0.9		-704.09	2.26	1.19	-2.13	-702.76	40.51	0.00	0.00	0.00
30	66	96-22.1 -0.8		-704.93	2.67	0.00	-2.07	-704.33	47.01	0.00	0.00	0.00
30	67	97-22.4 -0.6		-705.61	2.53	1.18	-2.01	-703.92	55.49	0.00	0.00	0.00
30	68	98-22.7 -0.5		-706.15	2.24	0.00	-1.96	-705.87	61.61	0.00	0.00	0.00
30	69	99-23.0 -0.3		-706.54	1.55	1.17	-1.91	-705.74	69.82	0.00	0.00	0.00
30	70	100-23.3 -0.2		-706.80	1.29	0.00	-1.86	-707.38	76.25	0.00	0.00	0.00
30	71	101-23.6 -0.1		-706.94	1.65	1.16	-1.82	-705.94	85.75	0.00	0.00	0.00
30	72	102 0.0	0.0	0.00	1.90	0.00	-1.77	0.00	0.00	0.00	0.00	0.00
30	73	103 0.0	0.0	0.00	1.56	1.15	-1.73	0.00	0.00	0.00	0.00	0.00

30	74	104	0.0	0.0	0.00	1.48	0.00	-1.69	0.00	0.00	0.00	0.00	0.00
30	75	105	0.0	0.0	0.00	1.02	1.14	-1.65	0.00	0.00	0.00	0.00	0.00
31	22	53	3.5-20.2	-371.25	1.68	1.53	-4.90	-372.94	30.54	0.00	0.00	0.00	0.00
31	23	54	2.8-19.4	-391.03	2.27	2.75	-5.37	-391.38	20.17	0.00	0.00	0.00	0.00
31	24	55	2.1-18.5	-409.97	1.72	1.53	-5.86	-412.58	7.04	0.00	0.00	0.00	0.00
31	25	56	1.3-17.7	-428.08	1.77	2.72	-6.38	-429.97	-2.27	0.00	0.00	0.00	0.00
31	26	57	0.6-16.9	-445.39	1.14	1.53	-6.92	-449.64	-13.87	0.00	0.00	0.00	0.00
31	27	58	-0.1-16.2	-461.92	0.61	2.69	-7.49	-466.10	-22.27	0.00	0.00	0.00	0.00
31	28	59	-0.8-15.4	-477.70	-0.20	1.53	-8.08	-484.45	-32.54	0.00	0.00	0.00	0.00
31	29	60	-1.5-14.7	-492.75	0.69	2.66	-8.69	-498.10	-38.12	-39.82	-1.01	-1.70	-1.70
31	30	61	-2.2-14.0	-507.11	1.21	1.53	-9.33	-513.71	-45.66	0.00	0.00	0.00	0.00
31	31	62	-2.9-13.4	-520.80	1.94	3.12	-10.00	-525.74	-49.61	-52.00	-0.45	-2.39	-2.39
31	32	63	-3.6-12.7	-533.83	2.30	1.53	-9.36	-539.36	-55.17	-56.69	0.78	-1.52	-1.52
31	33	64	-4.3-12.1	-546.25	2.76	2.61	-8.77	-549.65	-57.38	-58.84	1.30	-1.46	-1.46
31	34	65	-5.0-11.5	-558.07	2.98	1.53	-8.24	-561.80	-61.46	-62.65	1.79	-1.19	-1.19
31	35	66	-5.7-11.0	-569.31	3.40	2.59	-7.75	-571.07	-62.67	-63.72	2.35	-1.05	-1.05
31	36	67	-6.3-10.4	-580.01	3.69	1.53	-7.31	-582.10	-65.62	-66.88	2.43	-1.26	-1.26
31	37	68	-7.0 -9.9	-590.17	3.89	2.57	-6.90	-590.61	-66.06	-67.08	2.87	-1.02	-1.02
31	38	69	-7.6 -9.4	-599.83	3.79	1.53	-6.53	-601.04	-68.42	-69.32	2.89	-0.90	-0.90
31	39	70	-8.2 -8.9	-608.99	3.94	2.55	-6.19	-608.69	-67.99	-68.91	3.02	-0.92	-0.92
31	40	71	-8.8 -8.5	-617.69	3.71	1.53	-5.87	-618.33	-69.56	-70.14	3.13	-0.58	-0.58
31	41	72	-9.5 -8.0	-625.94	3.92	2.54	-5.58	-625.06	-68.23	-68.59	3.56	-0.36	-0.36
31	42	73	-10.0 -7.6	-633.76	3.37	1.53	-5.31	-634.17	-69.26	-69.70	2.93	-0.44	-0.44
31	43	74	-10.6 -7.2	-641.16	2.86	2.52	-5.06	-640.84	-67.86	-68.05	2.67	-0.19	-0.19
31	44	75	-11.2 -6.8	-648.16	2.09	1.53	-4.83	-649.37	-68.32	-68.46	1.95	-0.14	-0.14
31	45	76	-11.8 -6.4	-654.78	1.71	2.51	-4.61	-655.17	-66.05	-66.44	1.32	-0.39	-0.39
31	46	77	-12.3 -6.1	-661.03	0.83	1.53	-4.41	-663.08	-65.89	-65.87	0.85	0.02	0.02
31	47	78	-12.9 -5.7	-666.92	0.26	2.50	-4.23	-668.39	-63.12	0.00	0.00	0.00	0.00
31	48	79	-13.4 -5.4	-672.47	-0.64	1.53	-4.05	-675.64	-62.30	-62.72	-1.06	-0.42	-0.42
31	49	80	-13.9 -5.1	-677.70	-1.36	2.48	-3.89	-680.46	-59.05	-59.45	-1.76	-0.40	-0.40
31	50	81	-14.4 -4.8	-682.61	-1.86	1.53	-3.73	-686.67	-57.19	-57.98	-2.65	-0.79	-0.79
31	51	82	-14.9 -4.5	-687.21	-1.58	2.47	-3.59	-689.91	-52.36	0.00	0.00	0.00	0.00
31	52	83	-15.4 -4.2	-691.52	-0.61	1.53	-3.46	-694.06	-48.44	0.00	0.00	0.00	0.00
31	53	84	-15.9 -3.9	-695.55	-0.11	2.46	-3.33	-696.53	-42.83	0.00	0.00	0.00	0.00
31	54	85	-16.3 -3.6	-699.31	0.34	1.53	-3.21	-700.65	-38.89	0.00	0.00	0.00	0.00
31	55	86	-16.8 -3.4	-702.81	0.90	2.45	-3.10	-702.55	-32.72	0.00	0.00	0.00	0.00
31	56	87	-17.2 -3.1	-706.05	1.28	1.53	-2.99	-706.24	-28.33	0.00	0.00	0.00	0.00
31	57	88	-17.7 -2.9	-709.06	1.79	2.44	-2.89	-707.72	-21.74	0.00	0.00	0.00	0.00
31	58	89	-18.1 -2.7	-711.83	2.27	1.53	-2.80	-710.83	-16.78	0.00	0.00	0.00	0.00
31	59	90	-18.5 -2.4	-714.37	2.73	2.43	-2.71	-711.92	-9.80	0.00	0.00	0.00	0.00
31	60	91	-18.9 -2.2	-716.70	2.52	1.53	-2.62	-715.28	-5.08	0.00	0.00	0.00	0.00
31	61	92	-19.3 -2.0	-718.82	2.59	2.42	-2.54	-716.35	1.91	0.00	0.00	0.00	0.00
31	62	93	-19.7 -1.8	-720.74	2.58	1.53	-2.47	-719.10	7.23	0.00	0.00	0.00	0.00
31	63	94	-20.1 -1.6	-722.47	2.58	2.42	-2.39	-719.87	14.54	0.00	0.00	0.00	0.00
31	64	95	-20.5 -1.4	-724.01	2.83	1.53	-2.32	-721.98	20.50	0.00	0.00	0.00	0.00
31	65	96	-20.9 -1.3	-725.38	3.16	2.41	-2.26	-722.07	28.48	0.00	0.00	0.00	0.00
31	66	97	-21.2 -1.1	-726.57	3.21	1.53	-2.20	-724.02	34.60	0.00	0.00	0.00	0.00
31	67	98	-21.6 -0.9	-727.59	3.00	2.40	-2.14	-724.33	42.36	0.00	0.00	0.00	0.00
31	68	99	-21.9 -0.8	-728.46	2.74	1.53	-2.08	-726.27	48.49	0.00	0.00	0.00	0.00
31	69	100	-22.2 -0.6	-729.17	2.21	2.39	-2.03	-726.60	56.24	0.00	0.00	0.00	0.00
31	70	101	-22.5 -0.5	-729.74	1.88	1.53	-1.98	-728.31	62.60	0.00	0.00	0.00	0.00
31	71	102	-22.8 -0.4	-730.17	1.88	2.38	-1.93	-727.83	71.15	0.00	0.00	0.00	0.00
31	72	103	-23.1 -0.2	-730.46	2.07	1.53	-1.88	-728.74	78.31	0.00	0.00	0.00	0.00
31	73	104	-23.4 -0.1	-730.63	1.83	2.38	-1.83	-728.26	86.86	0.00	0.00	0.00	0.00
31	74	105	0.0 0.0	0.00	1.67	1.53	-1.79	0.00	0.00	0.00	0.00	0.00	0.00
31	75	106	0.0 0.0	0.00	1.16	2.37	-1.75	0.00	0.00	0.00	0.00	0.00	0.00
31	76	107	0.0 0.0	0.00	0.05	1.53	-1.71	0.00	0.00	0.00	0.00	0.00	0.00
31	77	108	0.0 0.0	0.00	-0.76	2.37	-1.67	0.00	0.00	0.00	0.00	0.00	0.00
32	23	55	3.5-20.1	-387.89	2.47	1.69	-5.03	-388.76	30.07	0.00	0.00	0.00	0.00
32	24	56	2.8-19.2	-407.53	1.94	0.00	-5.49	-411.08	15.83	0.00	0.00	0.00	0.00
32	25	57	2.1-18.4	-426.34	2.01	1.64	-5.97	-428.66	6.32	0.00	0.00	0.00	0.00
32	26	58	1.4-17.6	-444.36	1.47	0.00	-6.48	-449.37	-6.32	0.00	0.00	0.00	0.00
32	27	59	0.7-16.9	-461.60	1.08	1.60	-7.01	-465.93	-14.80	0.00	0.00	0.00	0.00
32	28	60	0.0-16.1	-478.09	0.57	0.00	-7.56	-485.08	-25.88	-27.77	-1.32	-1.89	-1.89
32	29	61	-0.7-15.4	-493.85	1.12	1.56	-8.13	-499.30	-32.04	0.00	0.00	0.00	0.00
32	30	62	-1.4-14.7	-508.91	1.80	0.00	-8.73	-515.84	-40.51	0.00	0.00	0.00	0.00

32	31	63	-2.1-14.1	-523.29	2.37	1.53	-9.36	-528.75	-45.34	0.00	0.00	0.00
32	32	64	-2.8-13.4	-537.02	2.68	0.00	-10.00	-544.34	-52.86	-54.43	1.11	-1.57
32	33	65	-3.4-12.8	-550.12	3.07	1.50	-9.37	-554.92	-55.37	-56.41	2.03	-1.04
32	34	66	-4.1-12.2	-562.61	3.23	0.00	-8.80	-568.18	-60.56	-61.62	2.17	-1.06
32	35	67	-4.8-11.6	-574.52	3.74	1.47	-8.29	-577.59	-61.90	-62.65	2.99	-0.75
32	36	68	-5.4-11.1	-585.86	3.67	0.00	-7.81	-590.01	-66.24	-66.98	2.93	-0.74
32	37	69	-6.0-10.5	-596.67	4.19	1.44	-7.38	-598.42	-66.58	-67.10	3.67	-0.52
32	38	70	-6.7-10.0	-606.96	4.13	0.00	-6.98	-609.81	-69.90	-70.56	3.47	-0.66
32	39	71	-7.3 -9.6	-616.76	4.30	1.42	-6.61	-617.65	-69.67	-69.91	4.06	-0.24
32	40	72	-7.9 -9.1	-626.07	4.08	0.00	-6.27	-628.26	-72.21	-72.58	3.71	-0.37
32	41	73	-8.5 -8.6	-634.92	4.19	1.39	-5.96	-635.30	-71.18	-71.30	4.07	-0.12
32	42	74	-9.1 -8.2	-643.33	3.82	0.00	-5.67	-645.18	-72.99	-73.42	3.39	-0.43
32	43	75	-9.7 -7.8	-651.31	3.75	1.37	-5.40	-651.59	-71.33	-71.86	3.22	-0.53
32	44	76	-10.3 -7.4	-658.89	2.53	0.00	-5.15	-661.51	-73.17	-73.21	2.49	-0.04
32	45	77	-10.8 -7.0	-666.07	2.15	1.35	-4.92	-667.49	-71.08	-71.21	2.02	-0.13
32	46	78	-11.4 -6.6	-672.86	1.23	0.00	-4.71	-676.34	-71.86	-71.86	1.23	0.00
32	47	79	-11.9 -6.3	-679.30	0.67	1.33	-4.50	-681.80	-69.25	-69.49	0.43	-0.24
32	48	80	-12.4 -5.9	-685.38	-0.18	0.00	-4.32	-689.88	-69.26	-69.45	-0.37	-0.19
32	49	81	-13.0 -5.6	-691.13	-0.61	1.31	-4.14	-694.56	-65.87	-66.30	-1.04	-0.43
32	50	82	-13.5 -5.3	-696.54	-1.11	0.00	-3.98	-701.63	-64.87	-65.54	-1.78	-0.67
32	51	83	-14.0 -5.0	-701.65	-0.78	1.29	-3.82	-704.96	-60.12	0.00	0.00	0.00
32	52	84	-14.5 -4.7	-706.45	-0.17	0.00	-3.68	-710.30	-57.39	0.00	0.00	0.00
32	53	85	-14.9 -4.4	-710.96	0.45	1.28	-3.54	-712.77	-51.79	0.00	0.00	0.00
32	54	86	-15.4 -4.1	-715.19	0.90	0.00	-3.41	-717.70	-48.65	0.00	0.00	0.00
32	55	87	-15.9 -3.8	-719.14	1.40	1.26	-3.29	-719.78	-42.66	0.00	0.00	0.00
32	56	88	-16.3 -3.6	-722.84	1.83	0.00	-3.18	-724.19	-39.00	0.00	0.00	0.00
32	57	89	-16.8 -3.3	-726.29	2.25	1.25	-3.07	-725.86	-32.60	0.00	0.00	0.00
32	58	90	-17.2 -3.1	-729.49	2.61	0.00	-2.97	-729.85	-28.52	0.00	0.00	0.00
32	59	91	-17.6 -2.8	-732.46	3.00	1.23	-2.88	-731.10	-21.69	0.00	0.00	0.00
32	60	92	-18.1 -2.6	-735.20	3.09	0.00	-2.79	-734.90	-17.42	0.00	0.00	0.00
32	61	93	-18.5 -2.4	-737.73	2.93	1.22	-2.70	-736.28	-10.73	0.00	0.00	0.00
32	62	94	-18.9 -2.2	-740.04	3.00	0.00	-2.62	-739.66	-6.04	0.00	0.00	0.00
32	63	95	-19.2 -2.0	-742.16	3.12	1.21	-2.54	-740.37	1.32	0.00	0.00	0.00
32	64	96	-19.6 -1.8	-744.08	3.26	0.00	-2.47	-743.28	6.48	0.00	0.00	0.00
32	65	97	-20.0 -1.6	-745.81	3.37	1.19	-2.40	-743.64	14.20	0.00	0.00	0.00
32	66	98	-20.4 -1.5	-747.36	3.26	0.00	-2.33	-746.43	19.48	0.00	0.00	0.00
32	67	99	-20.7 -1.3	-748.73	2.93	1.18	-2.27	-746.89	27.09	0.00	0.00	0.00
32	68	100	-21.1 -1.1	-749.94	2.58	0.00	-2.20	-749.56	32.48	0.00	0.00	0.00
32	69	101	-21.4 -1.0	-750.99	2.04	1.17	-2.15	-749.92	40.20	0.00	0.00	0.00
32	70	102	-21.7 -0.8	-751.88	1.85	0.00	-2.09	-752.12	46.07	0.00	0.00	0.00
32	71	103	-22.1 -0.7	-752.62	1.84	1.16	-2.04	-751.66	54.61	0.00	0.00	0.00
32	72	104	-22.4 -0.5	-753.22	2.02	0.00	-1.99	-753.18	61.15	0.00	0.00	0.00
32	73	105	-22.7 -0.4	-753.68	1.66	1.15	-1.94	-752.81	69.60	0.00	0.00	0.00
32	74	106	-23.0 -0.3	-754.01	1.54	0.00	-1.89	-754.36	76.12	0.00	0.00	0.00
32	75	107	-23.2 -0.1	-754.21	1.13	1.14	-1.85	-753.79	84.76	0.00	0.00	0.00
32	76	108	-23.5 0.0	-754.30	0.95	0.00	-1.81	-755.15	91.47	0.00	0.00	0.00
32	77	109	0.0 0.0	0.00	-0.37	1.13	-1.77	0.00	0.00	0.00	0.00	0.00
32	78	110	0.0 0.0	0.00	-0.59	0.00	-1.73	0.00	0.00	0.00	0.00	0.00
32	79	111	0.0 0.0	0.00	-1.43	1.12	-1.69	0.00	0.00	0.00	0.00	0.00
32	80	112	0.0 0.0	0.00	-1.67	0.00	-1.65	0.00	0.00	0.00	0.00	0.00
33	24	57	3.5-19.9	-404.37	2.37	1.50	-5.15	-405.65	28.54	0.00	0.00	0.00
33	25	58	2.8-19.1	-423.86	2.40	2.70	-5.60	-424.37	17.89	0.00	0.00	0.00
33	26	59	2.2-18.3	-442.57	1.90	1.50	-6.08	-445.25	5.09	0.00	0.00	0.00
33	27	60	1.5-17.6	-460.50	1.74	2.67	-6.57	-462.66	-4.26	0.00	0.00	0.00
33	28	61	0.8-16.8	-477.68	1.24	1.50	-7.09	-482.03	-15.55	0.00	0.00	0.00
33	29	62	0.1-16.1	-494.13	1.95	2.64	-7.63	-497.17	-22.62	0.00	0.00	0.00
33	30	63	-0.6-15.4	-509.87	2.34	1.50	-8.19	-514.22	-31.60	0.00	0.00	0.00
33	31	64	-1.2-14.7	-524.94	2.85	2.61	-8.77	-528.24	-37.55	0.00	0.00	0.00
33	32	65	-1.9-14.1	-539.34	3.05	1.50	-9.37	-544.17	-45.41	0.00	0.00	0.00
33	33	66	-2.6-13.5	-553.11	3.39	3.04	-10.00	-556.67	-49.84	-52.07	1.16	-2.23
33	34	67	-3.2-12.9	-566.26	3.45	1.50	-9.39	-570.71	-55.80	-56.65	2.60	-0.85
33	35	68	-3.9-12.3	-578.83	3.83	2.57	-8.84	-581.27	-58.29	-58.88	3.24	-0.59
33	36	69	-4.5-11.7	-590.82	3.76	1.50	-8.33	-593.90	-62.85	-63.08	3.53	-0.23
33	37	70	-5.2-11.2	-602.27	4.32	2.55	-7.87	-603.27	-64.15	-64.34	4.13	-0.19
33	38	71	-5.8-10.7	-613.19	4.35	1.50	-7.44	-614.78	-67.59	-67.89	4.05	-0.30
33	39	72	-6.4-10.2	-623.60	4.48	2.53	-7.05	-623.64	-68.37	-68.23	4.62	0.14

33	40	73	-7.0	-9.7	-633.52	4.37	1.50	-6.68	-634.34	-71.01	-70.96	4.42	0.05
33	41	74	-7.6	-9.2	-642.98	4.41	2.51	-6.35	-642.40	-71.00	-70.86	4.55	0.14
33	42	75	-8.2	-8.8	-651.98	4.08	1.50	-6.04	-652.44	-72.96	-73.03	4.01	-0.07
33	43	76	-8.8	-8.4	-660.54	4.03	2.50	-5.75	-659.76	-72.22	-72.29	3.96	-0.07
33	44	77	-9.3	-7.9	-668.68	3.02	1.50	-5.49	-669.65	-74.03	-73.92	3.13	0.11
33	45	78	-9.9	-7.5	-676.42	2.62	2.48	-5.24	-676.56	-72.87	-72.82	2.67	0.05
33	46	79	-10.4	-7.2	-683.77	1.65	1.50	-5.01	-685.63	-73.87	-73.64	1.88	0.23
33	47	80	-11.0	-6.8	-690.75	1.04	2.47	-4.80	-692.03	-72.19	-72.12	1.11	0.07
33	48	81	-11.5	-6.4	-697.36	0.32	1.50	-4.59	-700.14	-72.23	-72.53	0.02	-0.30
33	49	82	-12.0	-6.1	-703.62	-0.42	2.46	-4.41	-705.99	-70.01	-70.24	-0.65	-0.23
33	50	83	-12.6	-5.8	-709.55	-0.80	1.50	-4.23	-713.09	-69.04	-69.88	-1.64	-0.84
33	51	84	-13.1	-5.4	-715.16	-0.44	2.45	-4.07	-717.22	-65.10	0.00	0.00	0.00
33	52	85	-13.5	-5.1	-720.45	0.22	1.50	-3.91	-722.65	-62.45	0.00	0.00	0.00
33	53	86	-14.0	-4.8	-725.44	0.93	2.44	-3.77	-725.84	-57.58	0.00	0.00	0.00
33	54	87	-14.5	-4.6	-730.15	1.45	1.50	-3.63	-730.83	-54.49	0.00	0.00	0.00
33	55	88	-15.0	-4.3	-734.57	1.98	2.43	-3.50	-733.66	-49.26	0.00	0.00	0.00
33	56	89	-15.4	-4.0	-738.72	2.38	1.50	-3.38	-738.22	-45.74	0.00	0.00	0.00
33	57	90	-15.9	-3.8	-742.61	2.76	2.42	-3.26	-740.70	-40.15	0.00	0.00	0.00
33	58	91	-16.3	-3.5	-746.25	3.05	1.50	-3.15	-744.86	-36.24	0.00	0.00	0.00
33	59	92	-16.7	-3.3	-749.65	3.38	2.41	-3.05	-746.91	-30.22	0.00	0.00	0.00
33	60	93	-17.2	-3.0	-752.81	3.53	1.50	-2.95	-750.74	-25.97	0.00	0.00	0.00
33	61	94	-17.6	-2.8	-755.74	3.46	2.40	-2.86	-752.75	-19.92	0.00	0.00	0.00
33	62	95	-18.0	-2.6	-758.46	3.47	1.50	-2.77	-756.27	-15.36	0.00	0.00	0.00
33	63	96	-18.4	-2.4	-760.97	3.57	2.39	-2.69	-757.70	-8.72	0.00	0.00	0.00
33	64	97	-18.8	-2.2	-763.27	3.72	1.50	-2.61	-760.67	-3.62	0.00	0.00	0.00
33	65	98	-19.1	-2.0	-765.38	3.59	2.38	-2.54	-761.95	3.17	0.00	0.00	0.00
33	66	99	-19.5	-1.8	-767.30	3.38	1.50	-2.47	-764.89	8.30	0.00	0.00	0.00
33	67	100	-19.9	-1.6	-769.03	2.94	2.37	-2.40	-766.12	15.14	0.00	0.00	0.00
33	68	101	-20.2	-1.5	-770.59	2.83	1.50	-2.33	-768.60	20.74	0.00	0.00	0.00
33	69	102	-20.6	-1.3	-771.98	2.32	2.36	-2.27	-769.57	27.84	0.00	0.00	0.00
33	70	103	-20.9	-1.1	-773.20	1.97	1.50	-2.21	-771.95	33.53	0.00	0.00	0.00
33	71	104	-21.2	-1.0	-774.27	1.92	2.36	-2.16	-772.15	41.40	0.00	0.00	0.00
33	72	105	-21.6	-0.8	-775.18	1.99	1.50	-2.10	-773.80	47.82	0.00	0.00	0.00
33	73	106	-21.9	-0.7	-775.95	1.73	2.35	-2.05	-773.92	55.77	0.00	0.00	0.00
33	74	107	-22.2	-0.6	-776.58	1.58	1.50	-2.00	-775.50	62.26	0.00	0.00	0.00
33	75	108	-22.5	-0.4	-777.07	1.04	2.34	-1.95	-775.64	70.20	0.00	0.00	0.00
33	76	109	-22.8	-0.3	-777.43	0.94	1.50	-1.91	-776.90	77.00	0.00	0.00	0.00
33	77	110	-23.0	-0.2	-777.67	-0.01	2.34	-1.86	-777.21	84.77	0.00	0.00	0.00
33	78	111	-23.3	-0.1	-777.79	-0.15	1.50	-1.82	-778.27	91.78	0.00	0.00	0.00
33	79	112	0.0	0.0	0.00	-1.02	2.33	-1.78	0.00	0.00	0.00	0.00	0.00
33	80	113	0.0	0.0	0.00	-1.44	1.50	-1.74	0.00	0.00	0.00	0.00	0.00
33	81	114	0.0	0.0	0.00	-4.51	2.33	-1.71	0.00	0.00	0.00	0.00	0.00
33	82	115	0.0	0.0	0.00	-5.22	1.50	-1.67	0.00	0.00	0.00	0.00	0.00
34	25	59	3.5	-19.8	-420.67	2.34	1.64	-5.27	-421.96	27.59	0.00	0.00	0.00
34	26	60	2.9	-19.0	-440.04	1.88	0.00	-5.71	-443.87	13.74	0.00	0.00	0.00
34	27	61	2.2	-18.2	-458.64	1.71	1.60	-6.18	-461.51	4.18	0.00	0.00	0.00
34	28	62	1.6	-17.5	-476.49	1.55	0.00	-6.66	-481.60	-7.84	0.00	0.00	0.00
34	29	63	0.9	-16.8	-493.62	2.10	1.56	-7.17	-497.12	-15.29	0.00	0.00	0.00
34	30	64	0.2	-16.1	-510.03	2.53	0.00	-7.69	-515.19	-25.29	0.00	0.00	0.00
34	31	65	-0.4	-15.4	-525.76	2.99	1.53	-8.24	-529.48	-31.51	0.00	0.00	0.00
34	32	66	-1.1	-14.7	-540.83	3.15	0.00	-8.80	-546.49	-40.44	0.00	0.00	0.00
34	33	67	-1.7	-14.1	-555.26	3.41	1.50	-9.39	-559.74	-45.62	0.00	0.00	0.00
34	34	68	-2.4	-13.5	-569.07	3.41	0.00	-10.00	-575.66	-53.47	0.00	0.00	0.00
34	35	69	-3.0	-12.9	-582.28	3.74	1.47	-9.41	-586.48	-56.22	-56.30	3.66	-0.08
34	36	70	-3.7	-12.4	-594.91	3.70	0.00	-8.87	-600.08	-61.75	0.00	0.00	0.00
34	37	71	-4.3	-11.8	-606.99	4.25	1.44	-8.37	-609.67	-63.27	0.00	0.00	0.00
34	38	72	-4.9	-11.3	-618.53	4.33	0.00	-7.92	-622.12	-67.64	-67.90	4.07	-0.26
34	39	73	-5.5	-10.8	-629.56	4.67	1.42	-7.50	-630.97	-68.42	-68.22	4.87	0.20
34	40	74	-6.1	-10.3	-640.08	4.42	0.00	-7.11	-642.78	-72.16	-72.21	4.37	-0.05
34	41	75	-6.7	-9.8	-650.13	4.48	1.39	-6.76	-651.02	-72.33	-72.17	4.64	0.16
34	42	76	-7.3	-9.4	-659.72	4.08	0.00	-6.43	-662.07	-75.30	-75.25	4.13	0.05
34	43	77	-7.9	-8.9	-668.86	4.06	1.37	-6.12	-669.55	-74.72	-74.60	4.18	0.12
34	44	78	-8.4	-8.5	-677.57	3.27	0.00	-5.84	-680.14	-77.23	-77.03	3.47	0.20
34	45	79	-9.0	-8.1	-685.87	2.87	1.35	-5.57	-687.22	-76.24	-75.92	3.19	0.32
34	46	80	-9.6	-7.7	-693.77	1.89	0.00	-5.33	-697.20	-78.16	-77.76	2.29	0.40
34	47	81	-10.1	-7.3	-701.28	1.25	1.33	-5.10	-703.80	-76.68	-76.39	1.54	0.29

34	48	82-10.6	-7.0	-708.42	0.38	0.00	-4.88	-712.93	-77.74	-77.60	0.52	0.14	
34	49	83-11.1	-6.6	-715.21	0.00	1.31	-4.68	-718.58	-75.32	-75.34	-0.02	-0.02	
34	50	84-11.7	-6.3	-721.65	-0.42	0.00	-4.49	-726.56	-75.23	-75.95	-1.14	-0.72	
34	51	85-12.2	-5.9	-727.76	0.08	1.29	-4.32	-730.70	-71.30	-72.42	-1.04	-1.12	
34	52	86-12.6	-5.6	-733.55	0.55	0.00	-4.15	-737.15	-69.67	-70.55	-0.33	-0.88	
34	53	87-13.1	-5.3	-739.02	1.33	1.28	-4.00	-740.41	-64.86	-66.61	-0.42	-1.75	
34	54	88-13.6	-5.0	-744.20	1.83	0.00	-3.85	-746.22	-62.60	0.00	0.00	0.00	
34	55	89-14.1	-4.7	-749.09	2.29	1.26	-3.71	-749.25	-57.56	0.00	0.00	0.00	
34	56	90-14.5	-4.5	-753.70	2.67	0.00	-3.58	-754.61	-54.85	0.00	0.00	0.00	
34	57	91-15.0	-4.2	-758.04	3.10	1.25	-3.46	-757.15	-49.32	0.00	0.00	0.00	
34	58	92-15.4	-4.0	-762.12	3.32	0.00	-3.34	-762.14	-46.24	0.00	0.00	0.00	
34	59	93-15.9	-3.7	-765.95	3.60	1.23	-3.23	-764.35	-40.37	0.00	0.00	0.00	
34	60	94-16.3	-3.5	-769.53	3.65	0.00	-3.13	-769.01	-36.97	0.00	0.00	0.00	
34	61	95-16.7	-3.2	-772.89	3.56	1.22	-3.03	-771.14	-31.02	0.00	0.00	0.00	
34	62	96-17.1	-3.0	-776.01	3.62	0.00	-2.94	-775.33	-27.14	0.00	0.00	0.00	
34	63	97-17.5	-2.8	-778.92	3.70	1.21	-2.85	-776.86	-20.60	0.00	0.00	0.00	
34	64	98-17.9	-2.6	-781.61	3.86	0.00	-2.76	-780.51	-16.18	0.00	0.00	0.00	
34	65	99-18.3	-2.4	-784.10	3.66	1.19	-2.68	-781.93	-9.53	0.00	0.00	0.00	
34	66	100-18.7	-2.2	-786.39	3.18	0.00	-2.61	-785.82	-5.34	0.00	0.00	0.00	
34	67	101-19.0	-2.0	-788.49	2.74	1.18	-2.54	-787.11	1.44	0.00	0.00	0.00	
34	68	102-19.4	-1.8	-790.41	2.65	0.00	-2.47	-790.23	6.39	0.00	0.00	0.00	
34	69	103-19.8	-1.6	-792.15	2.09	1.17	-2.40	-791.29	13.40	0.00	0.00	0.00	
34	70	104-20.1	-1.5	-793.72	1.85	0.00	-2.34	-794.20	18.56	0.00	0.00	0.00	
34	71	105-20.4	-1.3	-795.11	1.75	1.16	-2.28	-794.48	26.35	0.00	0.00	0.00	
34	72	106-20.8	-1.2	-796.35	1.88	0.00	-2.22	-796.69	32.21	0.00	0.00	0.00	
34	73	107-21.1	-1.0	-797.44	1.59	1.15	-2.16	-796.87	40.11	0.00	0.00	0.00	
34	74	108-21.4	-0.9	-798.38	1.40	0.00	-2.11	-799.09	45.96	0.00	0.00	0.00	
34	75	109-21.7	-0.7	-799.17	1.02	1.14	-2.06	-799.07	54.05	0.00	0.00	0.00	
34	76	110-22.0	-0.6	-799.82	0.99	0.00	-2.01	-800.85	60.34	0.00	0.00	0.00	
34	77	111-22.3	-0.5	-800.34	0.24	1.13	-1.97	-800.94	68.32	0.00	0.00	0.00	
34	78	112-22.6	-0.3	-800.74	-0.40	0.00	-1.92	-803.06	74.27	0.00	0.00	0.00	
34	79	113-22.9	-0.2	-801.01	-1.04	1.12	-1.88	-802.81	82.59	0.00	0.00	0.00	
34	80	114-23.1	-0.1	-801.17	-1.40	0.00	-1.84	-804.40	89.07	0.00	0.00	0.00	
34	81	115	0.0	0.0	0.00	-4.31	1.11	-1.80	0.00	0.00	0.00	0.00	
34	82	116	0.0	0.0	0.00	-4.84	0.00	-1.76	0.00	0.00	0.00	0.00	
34	83	117	0.0	0.0	0.00	-4.73	1.10	-1.72	0.00	0.00	0.00	0.00	
34	84	118	0.0	0.0	0.00	-3.82	0.00	-1.69	0.00	0.00	0.00	0.00	
35	26	61	3.6-19.6	-436.82	2.23	1.47	-5.38	-438.50	26.40	0.00	0.00	0.00	
35	27	62	2.9-18.9	-456.06	2.75	2.65	-5.82	-456.49	16.49	0.00	0.00	0.00	
35	28	63	2.3-18.1	-474.57	1.99	1.47	-6.27	-477.38	3.66	0.00	0.00	0.00	
35	29	64	1.6-17.4	-492.34	2.61	2.62	-6.75	-493.86	-4.75	0.00	0.00	0.00	
35	30	65	1.0-16.7	-509.41	2.87	1.47	-7.24	-512.32	-15.13	0.00	0.00	0.00	
35	31	66	0.3-16.0	-525.80	3.42	2.59	-7.75	-527.54	-22.28	0.00	0.00	0.00	
35	32	67	-0.3-15.4	-541.52	3.53	1.47	-8.29	-544.81	-31.47	0.00	0.00	0.00	
35	33	68	-0.9-14.8	-556.59	3.72	2.57	-8.84	-559.14	-37.74	0.00	0.00	0.00	
35	34	69	-1.6-14.1	-571.04	3.53	1.47	-9.41	-575.45	-45.98	0.00	0.00	0.00	
35	35	70	-2.2-13.6	-584.89	3.84	2.97	-10.00	-588.07	-50.53	0.00	0.00	0.00	
35	36	71	-2.8-13.0	-598.15	3.77	1.47	-9.43	-602.34	-56.72	0.00	0.00	0.00	
35	37	72	-3.5-12.4	-610.85	4.16	2.53	-8.90	-613.07	-59.38	0.00	0.00	0.00	
35	38	73	-4.1-11.9	-623.01	4.47	1.47	-8.41	-625.49	-63.73	-63.56	4.64	0.17	
35	39	74	-4.7-11.4	-634.65	4.45	2.51	-7.97	-635.66	-65.82	-65.30	4.97	0.52	
35	40	75	-5.3-10.9	-645.77	4.65	1.47	-7.56	-647.21	-69.31	-69.14	4.82	0.17	
35	41	76	-5.9-10.4	-656.41	4.61	2.49	-7.18	-656.49	-70.51	-70.29	4.83	0.22	
35	42	77	-6.4	-9.9	-666.58	4.28	1.47	-6.83	-667.66	-73.61	-73.24	4.65	0.37
35	43	78	-7.0	-9.5	-676.30	4.21	2.48	-6.50	-676.11	-73.99	-73.45	4.75	0.54
35	44	79	-7.6	-9.1	-685.57	4.07	1.47	-6.20	-686.23	-76.04	-76.07	4.04	-0.03
35	45	80	-8.1	-8.7	-694.43	3.32	2.46	-5.92	-694.56	-76.30	-75.89	3.73	0.41
35	46	81	-8.7	-8.2	-702.87	2.28	1.47	-5.65	-704.78	-78.45	-77.97	2.76	0.48
35	47	82	-9.2	-7.9	-710.93	1.57	2.45	-5.41	-712.32	-77.91	-77.50	1.98	0.41
35	48	83	-9.7	-7.5	-718.60	0.67	1.47	-5.18	-721.64	-79.17	-79.01	0.83	0.16
35	49	84-10.3	-7.1	-725.91	0.34	2.44	-4.97	-728.10	-77.55	-77.78	0.11	-0.23	
35	50	85-10.8	-6.8	-732.86	-0.33	1.47	-4.77	-736.49	-77.87	-78.61	-1.07	-0.74	
35	51	86-11.3	-6.4	-739.47	0.23	2.42	-4.58	-741.40	-74.71	-75.64	-0.70	-0.93	
35	52	87-11.8	-6.1	-745.75	0.84	1.47	-4.40	-747.85	-73.09	-73.86	0.07	-0.77	
35	53	88-12.3	-5.8	-751.71	1.54	2.41	-4.24	-752.00	-69.17	-70.74	-0.03	-1.57	
35	54	89-12.7	-5.5	-757.37	2.33	1.47	-4.08	-757.65	-66.75	-68.59	0.49	-1.84	

35	55	90-13.2	-5.2	-762.73	2.79	2.40	-3.93	-761.47	-62.49	-64.68	0.60	-2.19
35	56	91-13.7	-4.9	-767.80	3.09	1.47	-3.79	-767.03	-59.99	-61.56	1.52	-1.57
35	57	92-14.1	-4.7	-772.59	3.46	2.39	-3.66	-770.40	-55.28	-56.55	2.19	-1.27
35	58	93-14.6	-4.4	-777.11	3.73	1.47	-3.54	-775.46	-52.27	0.00	0.00	0.00
35	59	94-15.0	-4.1	-781.38	3.67	2.38	-3.42	-778.75	-47.49	0.00	0.00	0.00
35	60	95-15.4	-3.9	-785.39	3.73	1.47	-3.31	-783.50	-44.17	0.00	0.00	0.00
35	61	96-15.8	-3.6	-789.16	3.60	2.37	-3.21	-786.40	-38.99	0.00	0.00	0.00
35	62	97-16.3	-3.4	-792.70	3.62	1.47	-3.11	-790.72	-35.24	0.00	0.00	0.00
35	63	98-16.7	-3.2	-796.01	3.70	2.36	-3.01	-792.96	-29.41	0.00	0.00	0.00
35	64	99-17.1	-3.0	-799.10	3.83	1.47	-2.92	-796.72	-25.10	0.00	0.00	0.00
35	65	100-17.5	-2.8	-801.97	3.66	2.35	-2.84	-798.79	-19.10	0.00	0.00	0.00
35	66	101-17.8	-2.6	-804.64	3.37	1.47	-2.76	-802.56	-14.80	0.00	0.00	0.00
35	67	102-18.2	-2.4	-807.12	2.97	2.35	-2.68	-804.48	-8.65	0.00	0.00	0.00
35	68	103-18.6	-2.2	-809.40	2.69	1.47	-2.60	-807.85	-3.94	0.00	0.00	0.00
35	69	104-18.9	-2.0	-811.49	2.31	2.34	-2.53	-809.38	2.60	0.00	0.00	0.00
35	70	105-19.3	-1.8	-813.41	2.12	1.47	-2.47	-812.29	7.76	0.00	0.00	0.00
35	71	106-19.6	-1.7	-815.15	2.00	2.33	-2.40	-813.22	14.89	0.00	0.00	0.00
35	72	107-20.0	-1.5	-816.73	2.11	1.47	-2.34	-815.49	20.70	0.00	0.00	0.00
35	73	108-20.3	-1.3	-818.14	1.90	2.32	-2.28	-816.20	28.06	0.00	0.00	0.00
35	74	109-20.6	-1.2	-819.39	1.92	1.47	-2.23	-818.23	34.10	0.00	0.00	0.00
35	75	110-20.9	-1.0	-820.50	2.68	2.32	-2.17	-817.67	42.73	0.00	0.00	0.00
35	76	111-21.2	-0.9	-821.46	2.66	1.47	-2.12	-819.45	49.03	0.00	0.00	0.00
35	77	112-21.5	-0.7	-822.27	0.38	2.31	-2.07	-821.65	54.89	0.00	0.00	0.00
35	78	113-21.8	-0.6	-822.95	-0.01	1.47	-2.02	-823.52	61.10	0.00	0.00	0.00
35	79	114-22.1	-0.5	-823.50	-0.92	2.31	-1.98	-824.10	68.59	0.00	0.00	0.00
35	80	115-22.4	-0.4	-823.93	-1.33	1.47	-1.93	-825.72	75.04	0.00	0.00	0.00
35	81	116-22.7	-0.2	-824.23	-4.44	2.30	-1.89	-828.26	80.57	0.00	0.00	0.00
35	82	117-22.9	-0.1	-824.42	-5.07	1.47	-1.85	-829.87	87.03	0.00	0.00	0.00
35	83	118-23.2	0.0	-824.50	-4.83	2.29	-1.81	-828.85	96.13	0.00	0.00	0.00
35	84	119 0.0 0.0	0.00	0.00	-3.93	1.47	-1.77	0.00	0.00	0.00	0.00	0.00
35	85	120 0.0 0.0	0.00	0.00	-2.95	2.29	-1.74	0.00	0.00	0.00	0.00	0.00
35	86	121 0.0 0.0	0.00	0.00	-1.91	1.47	-1.70	0.00	0.00	0.00	0.00	0.00
36	27	63 3.6-19.5	-452.79	2.65	1.60	-5.49	-454.03	26.23	0.00	0.00	0.00	0.00
36	28	64 3.0-18.8	-471.93	1.95	0.00	-5.92	-475.90	12.43	0.00	0.00	0.00	0.00
36	29	65 2.4-18.1	-490.35	2.49	1.56	-6.36	-492.66	3.75	0.00	0.00	0.00	0.00
36	30	66 1.7-17.4	-508.05	2.78	0.00	-6.83	-512.10	-7.63	0.00	0.00	0.00	0.00
36	31	67 1.1-16.7	-525.08	3.40	1.53	-7.31	-527.46	-14.91	0.00	0.00	0.00	0.00
36	32	68 0.5-16.0	-541.43	3.48	0.00	-7.81	-545.76	-25.15	0.00	0.00	0.00	0.00
36	33	69 -0.2-15.4	-557.14	3.68	1.50	-8.33	-560.29	-31.61	0.00	0.00	0.00	0.00
36	34	70 -0.8-14.8	-572.22	3.47	0.00	-8.87	-577.62	-40.86	0.00	0.00	0.00	0.00
36	35	71 -1.4-14.2	-586.69	3.76	1.47	-9.43	-590.89	-46.06	0.00	0.00	0.00	0.00
36	36	72 -2.0-13.6	-600.58	3.66	0.00	-10.00	-606.92	-54.02	0.00	0.00	0.00	0.00
36	37	73 -2.6-13.0	-613.89	4.09	1.44	-9.44	-617.80	-56.83	-56.89	4.03	-0.06	
36	38	74 -3.2-12.5	-626.66	3.71	0.00	-8.93	-631.88	-62.83	-62.17	4.37	0.66	
36	39	75 -3.8-12.0	-638.89	4.03	1.42	-8.45	-641.90	-64.79	-64.24	4.58	0.55	
36	40	76 -4.4-11.5	-650.62	3.93	0.00	-8.02	-654.70	-69.52	-68.98	4.47	0.54	
36	41	77 -5.0-11.0	-661.84	4.89	1.39	-7.61	-663.17	-69.91	-70.17	4.63	-0.26	
36	42	78 -5.6-10.5	-672.59	4.40	0.00	-7.24	-675.43	-74.10	-74.16	4.34	-0.06	
36	43	79 -6.2-10.1	-682.87	4.29	1.37	-6.89	-684.11	-74.70	-74.44	4.55	0.26	
36	44	80 -6.7 -9.6	-692.71	4.39	0.00	-6.57	-694.89	-77.42	-77.89	3.92	-0.47	
36	45	81 -7.3 -9.2	-702.12	3.77	1.35	-6.27	-703.27	-77.73	-77.69	3.81	0.04	
36	46	82 -7.8 -8.8	-711.11	2.74	0.00	-5.99	-714.36	-80.75	-80.59	2.90	0.16	
36	47	83 -8.3 -8.4	-719.70	1.65	1.33	-5.73	-722.45	-80.77	-79.98	2.44	0.79	
36	48	84 -8.9 -8.0	-727.90	0.96	0.00	-5.49	-732.43	-82.67	-82.43	1.20	0.24	
36	49	85 -9.4 -7.6	-735.73	0.38	1.31	-5.26	-739.30	-81.47	-81.48	0.37	-0.01	
36	50	86 -9.9 -7.3	-743.19	-0.40	0.00	-5.05	-748.64	-82.74	-83.26	-0.92	-0.52	
36	51	87-10.4 -6.9	-750.31	0.25	1.29	-4.85	-753.61	-79.64	-80.71	-0.82	-1.07	
36	52	88-10.9 -6.6	-757.08	0.93	0.00	-4.66	-760.81	-78.77	-79.69	0.01	-0.92	
36	53	89-11.4 -6.3	-763.53	1.75	1.28	-4.48	-764.99	-74.87	-76.72	-0.10	-1.85	
36	54	90-11.9 -6.0	-769.67	2.50	0.00	-4.32	-771.48	-73.30	-74.96	0.84	-1.66	
36	55	91-12.3 -5.7	-775.49	2.96	1.26	-4.16	-775.43	-69.17	-71.35	0.78	-2.18	
36	56	92-12.8 -5.4	-781.03	3.21	0.00	-4.01	-781.83	-67.50	-68.71	2.00	-1.21	
36	57	93-13.3 -5.1	-786.27	3.64	1.25	-3.87	-785.26	-62.86	-64.09	2.41	-1.23	
36	58	94-13.7 -4.8	-791.24	3.69	0.00	-3.74	-791.29	-60.82	0.00	0.00	0.00	
36	59	95-14.1 -4.6	-795.94	3.59	1.23	-3.62	-794.74	-56.19	0.00	0.00	0.00	
36	60	96-14.6 -4.3	-800.39	3.62	0.00	-3.50	-800.27	-53.65	0.00	0.00	0.00	

36	61	97-15.0	-4.1	-804.58	3.46	1.22	-3.39	-803.29	-48.60	0.00	0.00	0.00	
36	62	98-15.4	-3.8	-808.53	3.49	0.00	-3.28	-808.32	-45.56	0.00	0.00	0.00	
36	63	99-15.8	-3.6	-812.25	3.53	1.21	-3.18	-810.69	-39.86	0.00	0.00	0.00	
36	64	100-16.2	-3.4	-815.74	3.62	0.00	-3.09	-815.20	-36.30	0.00	0.00	0.00	
36	65	101-16.6	-3.2	-819.01	3.47	1.19	-2.99	-817.34	-30.36	0.00	0.00	0.00	
36	66	102-17.0	-2.9	-822.06	3.28	0.00	-2.91	-821.69	-26.65	0.00	0.00	0.00	
36	67	103-17.4	-2.7	-824.91	2.88	1.18	-2.82	-823.68	-20.56	0.00	0.00	0.00	
36	68	104-17.8	-2.5	-827.56	2.46	0.00	-2.75	-827.85	-16.66	0.00	0.00	0.00	
36	69	105-18.1	-2.4	-830.02	2.21	1.17	-2.67	-829.31	-10.05	0.00	0.00	0.00	
36	70	106-18.5	-2.2	-832.29	2.02	0.00	-2.60	-832.87	-5.54	0.00	0.00	0.00	
36	71	107-18.8	-2.0	-834.38	1.86	1.16	-2.53	-833.90	1.51	0.00	0.00	0.00	
36	72	108-19.2	-1.8	-836.30	2.21	0.00	-2.47	-836.56	6.92	0.00	0.00	0.00	
36	73	109-19.5	-1.7	-838.05	1.98	1.15	-2.40	-837.32	14.22	0.00	0.00	0.00	
36	74	110-19.8	-1.5	-839.63	3.10	0.00	-2.34	-838.87	20.75	0.00	0.00	0.00	
36	75	111-20.2	-1.3	-841.05	3.01	1.14	-2.29	-839.19	28.50	0.00	0.00	0.00	
36	76	112-20.5	-1.2	-842.32	2.97	0.00	-2.23	-841.58	34.18	0.00	0.00	0.00	
36	77	113-20.8	-1.0	-843.44	0.45	1.13	-2.18	-844.04	39.79	0.00	0.00	0.00	
36	78	114-21.1	-0.9	-844.42	0.02	0.00	-2.13	-846.53	45.37	0.00	0.00	0.00	
36	79	115-21.4	-0.8	-845.26	-0.93	1.12	-2.08	-847.15	52.82	0.00	0.00	0.00	
36	80	116-21.7	-0.6	-845.97	-1.69	0.00	-2.03	-849.69	58.35	0.00	0.00	0.00	
36	81	117-22.0	-0.5	-846.55	-4.20	1.11	-1.99	-851.62	64.49	0.00	0.00	0.00	
36	82	118-22.2	-0.4	-847.00	-5.00	0.00	-1.95	-853.94	70.24	0.00	0.00	0.00	
36	83	119-22.5	-0.3	-847.34	-4.69	1.10	-1.90	-852.83	79.43	0.00	0.00	0.00	
36	84	120-22.7	-0.2	-847.56	-3.77	0.00	-1.86	-853.19	87.14	0.00	0.00	0.00	
36	85	121-23.0	-0.1	-847.67	-2.97	1.09	-1.83	-851.37	97.03	0.00	0.00	0.00	
36	86	122	0.0	0.0	0.00	-1.88	0.00	-1.79	0.00	0.00	0.00	0.00	
36	87	123	0.0	0.0	0.00	-1.50	1.08	-1.75	0.00	0.00	0.00	0.00	
36	88	124	0.0	0.0	0.00	-0.07	0.00	-1.72	0.00	0.00	0.00	0.00	
37	29	66	3.0-18.7	-487.65	3.25	2.60	-6.01	-487.81	15.88	0.00	0.00	0.00	
37	30	67	2.4-18.0	-505.98	3.40	1.44	-6.45	-507.58	4.17	0.00	0.00	0.00	
37	31	68	1.8-17.3	-523.62	4.09	2.57	-6.90	-523.86	-4.03	0.00	0.00	0.00	
37	32	69	1.2-16.7	-540.60	4.18	1.44	-7.38	-542.35	-14.45	0.00	0.00	0.00	
37	33	70	0.6-16.0	-556.93	4.08	2.55	-7.87	-558.17	-22.19	0.00	0.00	0.00	
37	34	71	0.0-15.4	-572.63	3.90	1.44	-8.37	-575.66	-31.62	0.00	0.00	0.00	
37	35	72	-0.6-14.8	-587.71	4.26	2.53	-8.90	-589.83	-37.71	0.00	0.00	0.00	
37	36	73	-1.2-14.2	-602.21	3.89	1.44	-9.44	-606.32	-46.14	0.00	0.00	0.00	
37	37	74	-1.8-13.6	-616.13	3.79	2.91	-10.00	-619.43	-51.17	-51.76	3.20	-0.59	
37	38	75	-2.4-13.1	-629.50	3.39	1.44	-9.46	-634.12	-57.80	-57.28	3.91	0.52	
37	39	76	-3.0-12.6	-642.33	3.38	2.49	-8.95	-645.41	-61.01	-60.57	3.82	0.44	
37	40	77	-3.6-12.1	-654.64	3.54	1.44	-8.49	-658.15	-65.67	-64.92	4.29	0.75	
37	41	78	-4.2-11.6	-666.44	3.84	2.47	-8.06	-668.19	-67.65	-66.94	4.55	0.71	
37	42	79	-4.8-11.1	-677.76	4.66	1.44	-7.67	-679.33	-70.71	-70.79	4.58	-0.08	
37	43	80	-5.3-10.6	-688.61	4.56	2.46	-7.30	-688.90	-72.21	-72.16	4.61	0.05	
37	44	81	-5.9-10.2	-699.01	4.55	1.44	-6.96	-699.97	-75.22	-75.46	4.31	-0.24	
37	45	82	-6.4	-9.7	-708.97	4.02	2.44	-6.64	-709.14	-76.32	-76.21	4.13	0.11
37	46	83	-7.0	-9.3	-718.50	2.94	1.44	-6.34	-720.46	-79.56	-79.08	3.42	0.48
37	47	84	-7.5	-8.9	-727.63	2.14	2.43	-6.07	-729.12	-80.15	-79.75	2.54	0.40
37	48	85	-8.0	-8.5	-736.35	1.13	1.44	-5.81	-739.59	-82.55	-82.17	1.51	0.38
37	49	86	-8.5	-8.2	-744.70	0.44	2.41	-5.57	-747.41	-82.30	-82.75	-0.01	-0.45
37	50	87	-9.1	-7.8	-752.67	-0.35	1.44	-5.34	-756.92	-83.74	-84.59	-1.20	-0.85
37	51	88	-9.6	-7.4	-760.29	0.31	2.40	-5.13	-762.70	-81.45	-82.60	-0.84	-1.15
37	52	89-10.1	-7.1	-767.56	1.10	1.44	-4.93	-769.95	-80.62	-81.70	0.02	-1.08	
37	53	90-10.5	-6.8	-774.50	2.02	2.39	-4.74	-774.83	-77.43	-79.35	0.10	-1.92	
37	54	91-11.0	-6.5	-781.11	2.78	1.44	-4.56	-781.45	-75.98	-77.79	0.97	-1.81	
37	55	92-11.5	-6.1	-787.41	3.11	2.38	-4.40	-786.31	-72.77	-74.81	1.07	-2.04	
37	56	93-12.0	-5.8	-793.40	3.38	1.44	-4.24	-792.82	-71.21	-72.69	1.90	-1.48	
37	57	94-12.4	-5.6	-799.10	3.66	2.37	-4.09	-797.17	-67.48	-68.52	2.62	-1.04	
37	58	95-12.9	-5.3	-804.52	3.66	1.44	-3.95	-803.37	-65.61	-65.83	3.44	-0.22	
37	59	96-13.3	-5.0	-809.66	3.48	2.36	-3.82	-807.64	-61.81	-61.18	4.11	0.63	
37	60	97-13.7	-4.7	-814.54	3.45	1.44	-3.69	-813.34	-59.44	-58.34	4.55	1.10	
37	61	98-14.2	-4.5	-819.16	3.30	2.35	-3.58	-817.08	-55.11	-54.17	4.24	0.94	
37	62	99-14.6	-4.2	-823.52	3.36	1.44	-3.46	-822.19	-52.14	-50.89	4.61	1.25	
37	63	100-15.0	-4.0	-827.65	3.36	2.34	-3.36	-825.31	-47.19	0.00	0.00	0.00	
37	64	101-15.4	-3.8	-831.54	3.47	1.44	-3.25	-829.89	-43.70	0.00	0.00	0.00	
37	65	102-15.8	-3.5	-835.21	3.31	2.33	-3.16	-832.72	-38.47	0.00	0.00	0.00	
37	66	103-16.2	-3.3	-838.65	3.18	1.44	-3.07	-837.10	-34.77	0.00	0.00	0.00	

37	67	104-16.6	-3.1	-841.88	2.87	2.32	-2.98	-839.67	-29.27	0.00	0.00	0.00
37	68	105-16.9	-2.9	-844.91	2.46	1.44	-2.89	-843.90	-25.43	0.00	0.00	0.00
37	69	106-17.3	-2.7	-847.74	2.08	2.32	-2.81	-846.15	-19.61	0.00	0.00	0.00
37	70	107-17.7	-2.5	-850.37	2.08	1.44	-2.74	-849.59	-14.97	0.00	0.00	0.00
37	71	108-18.0	-2.3	-852.81	1.73	2.31	-2.67	-851.44	-8.75	0.00	0.00	0.00
37	72	109-18.4	-2.2	-855.07	2.04	1.44	-2.60	-854.19	-3.43	0.00	0.00	0.00
37	73	110-18.7	-2.0	-857.16	2.18	2.30	-2.53	-855.21	3.62	0.00	0.00	0.00
37	74	111-19.1	-1.8	-859.08	3.19	1.44	-2.47	-856.91	9.99	0.00	0.00	0.00
37	75	112-19.4	-1.7	-860.83	3.19	2.29	-2.41	-857.75	17.23	0.00	0.00	0.00
37	76	113-19.7	-1.5	-862.41	1.54	1.44	-2.35	-861.78	21.26	0.00	0.00	0.00
37	77	114-20.0	-1.4	-863.85	0.60	2.29	-2.29	-863.25	27.86	0.00	0.00	0.00
37	78	115-20.3	-1.2	-865.13	0.03	1.44	-2.24	-865.90	33.29	0.00	0.00	0.00
37	79	116-20.6	-1.1	-866.27	-0.88	2.28	-2.19	-867.06	40.20	0.00	0.00	0.00
37	80	117-20.9	-0.9	-867.27	-1.71	1.44	-2.14	-869.68	45.65	0.00	0.00	0.00
37	81	118-21.2	-0.8	-868.13	-4.19	2.28	-2.09	-872.14	51.26	0.00	0.00	0.00
37	82	119-21.5	-0.7	-868.87	-5.13	1.44	-2.04	-874.60	56.87	0.00	0.00	0.00
37	83	120-21.8	-0.5	-869.47	-4.69	2.27	-2.00	-873.89	65.65	0.00	0.00	0.00
37	84	121-22.0	-0.4	-869.95	-3.86	1.44	-1.96	-874.33	73.29	0.00	0.00	0.00
37	85	122-22.3	-0.3	-870.32	-2.92	2.26	-1.92	-872.89	82.80	0.00	0.00	0.00
37	86	123-22.6	-0.2	-870.57	-2.00	1.44	-1.88	-873.01	90.75	0.00	0.00	0.00
37	87	124-22.8	-0.1	-870.72	-1.37	2.26	-1.84	-871.67	100.16	0.00	0.00	0.00
37	88	125 0.0 0.0	0.00	0.00	-0.05	1.44	-1.80	0.00	0.00	0.00	0.00	0.00
37	89	126 0.0 0.0	0.00	0.00	1.30	2.25	-1.77	0.00	0.00	0.00	0.00	0.00
37	90	127 0.0 0.0	0.00	0.00	1.22	1.44	-1.73	0.00	0.00	0.00	0.00	0.00
37	91	128 0.0 0.0	0.00	0.00	1.09	2.25	-1.70	0.00	0.00	0.00	0.00	0.00
38	30	68 3.1-18.6	-503.21	2.95	0.00	-6.10	-506.36	12.68	0.00	0.00	0.00	0.00
38	31	69 2.5-17.9	-521.46	3.68	1.53	-6.53	-522.78	4.33	0.00	0.00	0.00	0.00
38	32	70 1.9-17.3	-539.04	3.79	0.00	-6.98	-542.23	-7.05	0.00	0.00	0.00	0.00
38	33	71 1.3-16.6	-555.98	4.23	1.50	-7.44	-557.70	-14.44	0.00	0.00	0.00	0.00
38	34	72 0.7-16.0	-572.29	3.94	0.00	-7.92	-576.27	-24.94	0.00	0.00	0.00	0.00
38	35	73 0.1-15.4	-587.98	4.00	1.47	-8.41	-590.93	-31.53	0.00	0.00	0.00	0.00
38	36	74 -0.5-14.8	-603.07	3.46	0.00	-8.93	-608.54	-41.07	0.00	0.00	0.00	0.00
38	37	75 -1.1-14.2	-617.59	3.28	1.44	-9.46	-622.33	-46.79	0.00	0.00	0.00	0.00
38	38	76 -1.7-13.7	-631.55	2.92	0.00	-10.00	-638.63	-55.02	0.00	0.00	0.00	0.00
38	39	77 -2.3-13.2	-644.97	2.95	1.42	-9.47	-650.07	-58.39	-57.89	3.45	0.50	0.00
38	40	78 -2.8-12.6	-657.86	2.98	0.00	-8.98	-663.85	-64.10	0.00	0.00	0.00	0.00
38	41	79 -3.4-12.1	-670.24	3.35	1.39	-8.53	-674.02	-66.19	0.00	0.00	0.00	0.00
38	42	80 -4.0-11.6	-682.12	5.45	0.00	-8.11	-684.78	-68.88	-70.20	4.13	-1.32	0.00
38	43	81 -4.5-11.2	-693.53	5.22	1.37	-7.72	-694.66	-70.69	-71.47	4.44	-0.78	0.00
38	44	82 -5.1-10.7	-704.48	4.26	0.00	-7.35	-707.58	-75.54	-76.00	3.80	-0.46	0.00
38	45	83 -5.6-10.3	-714.99	3.76	1.35	-7.02	-716.90	-76.78	-76.80	3.74	-0.02	0.00
38	46	84 -6.2 -9.9	-725.06	2.70	0.00	-6.70	-729.06	-80.88	-80.64	2.94	0.24	0.00
38	47	85 -6.7 -9.5	-734.72	1.95	1.33	-6.41	-737.85	-81.59	-81.10	2.44	0.49	0.00
38	48	86 -7.2 -9.1	-743.97	0.79	0.00	-6.14	-749.32	-84.99	-84.52	1.26	0.47	0.00
38	49	87 -7.7 -8.7	-752.83	0.05	1.31	-5.88	-757.35	-84.95	-84.88	0.12	0.07	0.00
38	50	88 -8.2 -8.3	-761.31	-0.97	0.00	-5.64	-767.92	-87.45	-87.92	-1.44	-0.47	0.00
38	51	89 -8.7 -7.9	-769.43	-0.08	1.29	-5.41	-773.63	-85.09	-86.21	-1.20	-1.12	0.00
38	52	90 -9.2 -7.6	-777.20	0.82	0.00	-5.20	-781.58	-84.97	-85.94	-0.15	-0.97	0.00
38	53	91 -9.7 -7.3	-784.62	1.80	1.28	-5.00	-786.54	-81.86	-83.65	0.01	-1.79	0.00
38	54	92-10.2 -6.9	-791.71	2.76	0.00	-4.82	-793.77	-81.01	-82.92	0.85	-1.91	0.00
38	55	93-10.7 -6.6	-798.48	3.30	1.26	-4.64	-798.56	-77.73	-80.16	0.87	-2.43	0.00
38	56	94-11.1 -6.3	-804.94	3.26	0.00	-4.47	-806.15	-77.25	-78.84	1.67	-1.59	0.00
38	57	95-11.6 -6.0	-811.09	3.33	1.25	-4.32	-810.83	-73.87	-75.09	2.11	-1.22	0.00
38	58	96-12.0 -5.7	-816.96	3.44	0.00	-4.17	-817.69	-72.65	-72.93	3.16	-0.28	0.00
38	59	97-12.5 -5.4	-822.54	3.30	1.23	-4.03	-822.04	-68.93	-68.80	3.43	0.13	0.00
38	60	98-12.9 -5.2	-827.86	3.26	0.00	-3.90	-828.49	-67.31	-66.47	4.10	0.84	0.00
38	61	99-13.3 -4.9	-832.90	3.16	1.22	-3.77	-832.29	-63.03	-62.15	4.04	0.88	0.00
38	62	100-13.8 -4.7	-837.69	3.15	0.00	-3.65	-838.19	-60.86	-60.22	3.79	0.64	0.00
38	63	101-14.2 -4.4	-842.23	3.12	1.21	-3.54	-841.44	-56.04	0.00	0.00	0.00	0.00
38	64	102-14.6 -4.2	-846.53	3.22	0.00	-3.43	-846.73	-53.26	0.00	0.00	0.00	0.00
38	65	103-15.0 -3.9	-850.59	3.07	1.19	-3.33	-849.65	-48.11	0.00	0.00	0.00	0.00
38	66	104-15.4 -3.7	-854.43	2.97	0.00	-3.23	-854.68	-45.07	0.00	0.00	0.00	0.00
38	67	105-15.8 -3.5	-858.04	2.61	1.18	-3.13	-857.39	-39.70	0.00	0.00	0.00	0.00
38	68	106-16.1 -3.3	-861.45	2.29	0.00	-3.05	-862.20	-36.45	0.00	0.00	0.00	0.00
38	69	107-16.5 -3.1	-864.64	1.97	1.17	-2.96	-864.47	-30.64	0.00	0.00	0.00	0.00
38	70	108-16.9 -2.9	-867.64	1.97	0.00	-2.88	-868.55	-26.65	0.00	0.00	0.00	0.00

38	71	109-17.2	-2.7	-870.44	1.85	1.16	-2.80	-870.24	-20.27	0.00	0.00	0.00	
38	72	110-17.6	-2.5	-873.06	2.35	0.00	-2.73	-873.44	-15.40	0.00	0.00	0.00	
38	73	111-17.9	-2.3	-875.49	2.32	1.15	-2.66	-874.68	-8.57	0.00	0.00	0.00	
38	74	112-18.3	-2.2	-877.74	3.09	0.00	-2.59	-877.24	-3.06	0.00	0.00	0.00	
38	75	113-18.6	-2.0	-879.82	1.93	1.14	-2.53	-879.28	2.97	0.00	0.00	0.00	
38	76	114-18.9	-1.8	-881.74	1.27	0.00	-2.47	-882.93	7.39	0.00	0.00	0.00	
38	77	115-19.3	-1.7	-883.49	0.34	1.13	-2.41	-884.43	13.97	0.00	0.00	0.00	
38	78	116-19.6	-1.5	-885.09	-0.09	0.00	-2.35	-887.53	18.94	0.00	0.00	0.00	
38	79	117-19.9	-1.4	-886.53	-1.00	1.12	-2.30	-888.71	25.83	0.00	0.00	0.00	
38	80	118-20.2	-1.2	-887.83	-1.76	0.00	-2.24	-891.84	30.78	0.00	0.00	0.00	
38	81	119-20.5	-1.1	-888.99	-4.34	1.11	-2.19	-894.41	36.27	0.00	0.00	0.00	
38	82	120-20.8	-0.9	-890.01	-5.18	0.00	-2.14	-897.33	41.43	0.00	0.00	0.00	
38	83	121-21.1	-0.8	-890.89	-4.67	1.10	-2.10	-896.56	50.27	0.00	0.00	0.00	
38	84	122-21.3	-0.7	-891.65	-3.74	0.00	-2.05	-897.44	57.46	0.00	0.00	0.00	
38	85	123-21.6	-0.6	-892.28	-3.14	1.09	-2.01	-896.33	66.64	0.00	0.00	0.00	
38	86	124-21.9	-0.4	-892.79	-1.97	0.00	-1.97	-896.72	74.32	0.00	0.00	0.00	
38	87	125-22.1	-0.3	-893.18	-1.45	1.08	-1.93	-895.47	83.64	0.00	0.00	0.00	
38	88	126-22.4	-0.2	-893.46	0.48	0.00	-1.89	-894.87	92.31	0.00	0.00	0.00	
38	89	127-22.6	-0.1	-893.64	1.45	1.08	-1.85	-892.97	102.29	0.00	0.00	0.00	
38	90	128	0.0	0.0	0.00	1.37	0.00	0.00	0.00	0.00	0.00	0.00	
38	91	129	0.0	0.0	0.00	1.60	1.07	-1.78	0.00	0.00	0.00	0.00	
38	92	130	0.0	0.0	0.00	1.58	0.00	-1.75	0.00	0.00	0.00	0.00	
38	93	131	0.0	0.0	0.00	1.32	1.06	-1.71	0.00	0.00	0.00	0.00	
39	31	70	3.2-18.5	-518.62	3.67	2.55	-6.19	-518.58	15.81	0.00	0.00	0.00	
39	32	71	2.6-17.9	-536.80	3.88	1.42	-6.61	-538.11	4.36	0.00	0.00	0.00	
39	33	72	2.0-17.2	-554.33	4.14	2.53	-7.05	-554.70	-4.16	0.00	0.00	0.00	
39	34	73	1.4-16.6	-571.23	4.05	1.42	-7.50	-573.26	-14.65	0.00	0.00	0.00	
39	35	74	0.8-16.0	-587.51	4.02	2.51	-7.97	-588.95	-22.27	0.00	0.00	0.00	
39	36	75	0.2-15.4	-603.20	3.52	1.42	-8.45	-606.71	-31.96	0.00	0.00	0.00	
39	37	76	-0.3-14.8	-618.30	3.28	2.49	-8.95	-621.49	-38.66	0.00	0.00	0.00	
39	38	77	-0.9-14.3	-632.84	2.80	1.42	-9.47	-638.09	-47.20	0.00	0.00	0.00	
39	39	78	-1.5-13.7	-646.83	2.82	2.85	-10.00	-651.16	-52.19	0.00	0.00	0.00	
39	40	79	-2.1-13.2	-660.30	2.75	1.42	-9.48	-665.61	-58.57	0.00	0.00	0.00	
39	41	80	-2.6-12.7	-673.24	3.17	2.45	-9.00	-676.63	-61.51	0.00	0.00	0.00	
39	42	81	-3.2-12.2	-685.69	3.45	1.42	-8.56	-689.39	-66.21	-65.95	3.71	0.26	
39	43	82	-3.7-11.7	-697.66	5.26	2.44	-8.15	-698.11	-66.86	-68.18	3.94	-1.32	
39	44	83	-4.3-11.3	-709.16	4.30	1.42	-7.76	-711.21	-71.88	-72.34	3.84	-0.46	
39	45	84	-4.8-10.8	-720.21	3.80	2.42	-7.41	-721.39	-74.00	-74.23	3.57	-0.23	
39	46	85	-5.4-10.4	-730.81	2.73	1.42	-7.08	-733.74	-78.28	-77.85	3.16	0.43	
39	47	86	-5.9-10.0	-741.00	1.95	2.41	-6.77	-743.41	-79.87	-79.28	2.54	0.59	
39	48	87	-6.4	-9.6	-750.77	0.78	1.42	-6.48	-755.05	-83.44	-83.01	1.21	0.43
39	49	88	-6.9	-9.2	-760.15	0.08	2.39	-6.20	-763.88	-84.20	-84.30	-0.02	-0.10
39	50	89	-7.4	-8.8	-769.14	-1.19	1.42	-5.95	-774.86	-87.11	-87.70	-1.78	-0.59
39	51	90	-7.9	-8.4	-777.75	-0.11	2.38	-5.71	-781.20	-85.37	-86.49	-1.23	-1.12
39	52	91	-8.4	-8.1	-786.01	0.85	1.42	-5.49	-789.23	-85.34	-86.35	-0.16	-1.01
39	53	92	-8.9	-7.7	-793.92	1.89	2.37	-5.28	-794.94	-82.97	-84.83	0.03	-1.86
39	54	93	-9.4	-7.4	-801.49	2.68	1.42	-5.08	-802.47	-82.43	-84.25	0.86	-1.82
39	55	94	-9.8	-7.1	-808.73	3.42	2.36	-4.89	-807.84	-79.73	-82.35	0.80	-2.62
39	56	95-10.3	-6.8	-815.65	3.54	1.42	-4.72	-815.41	-79.23	-81.21	1.56	-1.98	
39	57	96-10.8	-6.5	-822.26	3.63	2.35	-4.55	-820.84	-76.58	-78.32	1.89	-1.74	
39	58	97-11.2	-6.2	-828.58	3.44	1.42	-4.39	-828.12	-75.79	-76.27	2.96	-0.48	
39	59	98-11.7	-5.9	-834.61	3.33	2.34	-4.24	-833.18	-72.79	-72.33	3.79	0.46	
39	60	99-12.1	-5.6	-840.35	3.20	1.42	-4.10	-839.84	-71.37	-70.20	4.37	1.17	
39	61	100-12.5	-5.3	-845.82	3.13	2.33	-3.97	-844.34	-67.80	-67.30	3.63	0.50	
39	62	101-12.9	-5.1	-851.03	3.12	1.42	-3.84	-850.34	-65.73	0.00	0.00	0.00	
39	63	102-13.4	-4.8	-855.99	3.09	2.32	-3.72	-854.30	-61.62	0.00	0.00	0.00	
39	64	103-13.8	-4.6	-860.69	3.19	1.42	-3.61	-859.70	-58.94	0.00	0.00	0.00	
39	65	104-14.2	-4.3	-865.16	3.03	2.31	-3.50	-863.32	-54.49	0.00	0.00	0.00	
39	66	105-14.6	-4.1	-869.39	2.96	1.42	-3.40	-868.41	-51.51	0.00	0.00	0.00	
39	67	106-15.0	-3.9	-873.40	2.61	2.30	-3.30	-871.78	-46.81	0.00	0.00	0.00	
39	68	107-15.3	-3.7	-877.18	2.33	1.42	-3.20	-876.64	-43.60	0.00	0.00	0.00	
39	69	108-15.7	-3.5	-880.75	1.96	2.29	-3.11	-879.61	-38.50	0.00	0.00	0.00	
39	70	109-16.1	-3.3	-884.12	1.95	1.42	-3.03	-883.78	-34.60	0.00	0.00	0.00	
39	71	110-16.4	-3.1	-887.28	1.91	2.29	-2.95	-886.03	-28.78	0.00	0.00	0.00	
39	72	111-16.8	-2.9	-890.25	2.24	1.42	-2.87	-889.47	-24.14	0.00	0.00	0.00	
39	73	112-17.2	-2.7	-893.03	2.69	2.28	-2.79	-890.86	-17.46	0.00	0.00	0.00	

39	74	113-17.5	-2.5	-895.63	2.56	1.42	-2.72	-894.38	-12.91	0.00	0.00	0.00
39	75	114-17.8	-2.3	-898.05	2.17	2.27	-2.65	-896.26	-6.72	0.00	0.00	0.00
39	76	115-18.2	-2.2	-900.29	1.51	1.42	-2.59	-899.96	-2.35	0.00	0.00	0.00
39	77	116-18.5	-2.0	-902.37	0.44	2.27	-2.53	-902.19	3.49	0.00	0.00	0.00
39	78	117-18.8	-1.8	-904.29	-0.05	1.42	-2.47	-905.39	8.37	0.00	0.00	0.00
39	79	118-19.1	-1.7	-906.04	-0.96	2.26	-2.41	-907.15	14.67	0.00	0.00	0.00
39	80	119-19.4	-1.5	-907.65	-1.42	1.42	-2.35	-910.01	19.89	0.00	0.00	0.00
39	81	120-19.7	-1.4	-909.10	-3.89	2.25	-2.30	-913.04	24.93	0.00	0.00	0.00
39	82	121-20.0	-1.2	-910.42	-5.05	1.42	-2.25	-916.30	29.74	0.00	0.00	0.00
39	83	122-20.3	-1.1	-911.59	-4.43	2.25	-2.20	-915.97	38.14	0.00	0.00	0.00
39	84	123-20.6	-1.0	-912.62	-3.51	1.42	-2.15	-916.87	45.31	0.00	0.00	0.00
39	85	124-20.9	-0.8	-913.53	-2.83	2.24	-2.11	-916.22	54.03	0.00	0.00	0.00
39	86	125-21.2	-0.7	-914.31	-1.66	1.42	-2.06	-916.61	61.71	0.00	0.00	0.00
39	87	126-21.4	-0.6	-914.96	-1.05	2.24	-2.02	-915.80	70.60	0.00	0.00	0.00
39	88	127-21.7	-0.5	-915.50	0.50	1.42	-1.98	-915.56	78.90	0.00	0.00	0.00
39	89	128-21.9	-0.4	-915.92	1.47	2.23	-1.94	-914.16	88.38	0.00	0.00	0.00
39	90	129-22.2	-0.3	-916.24	1.59	1.42	-1.90	-915.13	95.48	0.00	0.00	0.00
39	91	130-22.4	-0.2	-916.44	1.50	2.23	-1.86	-914.58	104.10	0.00	0.00	0.00
39	92	131-22.7	-0.1	-916.55	1.71	1.42	-1.83	-915.25	111.50	0.00	0.00	0.00
39	93	132	0.0	0.0	0.00	1.37	2.22	-1.79	0.00	0.00	0.00	0.00
39	94	133	0.0	0.0	0.00	1.65	1.42	-1.76	0.00	0.00	0.00	0.00
39	95	134	0.0	0.0	0.00	1.56	2.22	-1.73	0.00	0.00	0.00	0.00
40	32	72	3.2-18.4	-533.88	3.74	0.00	-6.27	-536.41	13.34	0.00	0.00	0.00
40	33	73	2.7-17.8	-551.99	4.13	1.50	-6.68	-553.05	4.77	0.00	0.00	0.00
40	34	74	2.1-17.2	-569.47	3.95	0.00	-7.11	-572.63	-6.74	0.00	0.00	0.00
40	35	75	1.5-16.6	-586.33	3.92	1.47	-7.56	-588.50	-14.54	0.00	0.00	0.00
40	36	76	1.0-16.0	-602.60	3.55	0.00	-8.02	-607.06	-25.03	0.00	0.00	0.00
40	37	77	0.4-15.4	-618.28	3.29	1.44	-8.49	-622.04	-31.93	0.00	0.00	0.00
40	38	78	-0.2-14.8	-633.39	2.84	0.00	-8.98	-639.53	-41.35	0.00	0.00	0.00
40	39	79	-0.8-14.3	-647.95	2.77	1.42	-9.48	-653.25	-47.00	0.00	0.00	0.00
40	40	80	-1.3-13.8	-661.98	2.71	0.00	-10.00	-669.27	-54.95	0.00	0.00	0.00
40	41	81	-1.9-13.3	-675.49	3.09	1.39	-9.49	-680.50	-58.11	-58.79	2.41	-0.68
40	42	82	-2.4-12.8	-688.49	5.21	0.00	-9.03	-692.31	-61.85	-64.18	2.88	-2.33
40	43	83	-3.0-12.3	-701.01	4.98	1.37	-8.59	-703.25	-64.71	-66.47	3.22	-1.76
40	44	84	-3.5-11.8	-713.05	4.00	0.00	-8.19	-717.24	-70.63	0.00	0.00	0.00
40	45	85	-4.0-11.4	-724.64	3.50	1.35	-7.81	-727.60	-72.92	-73.15	3.27	-0.23
40	46	86	-4.6-10.9	-735.78	2.42	0.00	-7.46	-740.82	-78.07	0.00	0.00	0.00
40	47	87	-5.1-10.5	-746.48	1.65	1.33	-7.13	-750.64	-79.81	-79.35	2.11	0.46
40	48	88	-5.6-10.1	-756.78	0.43	0.00	-6.83	-763.17	-84.28	-83.63	1.08	0.65
40	49	89	-6.1 -9.7	-766.66	-0.38	1.31	-6.54	-772.27	-85.31	-84.87	0.06	0.44
40	50	90	-6.6 -9.3	-776.16	-1.63	0.00	-6.27	-784.06	-89.02	-88.77	-1.38	0.25
40	51	91	-7.1 -8.9	-785.27	-0.47	1.29	-6.02	-790.47	-87.36	-87.89	-1.00	-0.53
40	52	92	-7.6 -8.6	-794.02	0.46	0.00	-5.78	-799.34	-88.16	-88.46	0.16	-0.30
40	53	93	-8.1 -8.2	-802.41	1.53	1.28	-5.56	-805.16	-85.91	-87.12	0.32	-1.21
40	54	94	-8.6 -7.9	-810.46	2.54	0.00	-5.35	-813.27	-85.95	-87.27	1.22	-1.32
40	55	95	-9.0 -7.5	-818.17	3.15	1.26	-5.15	-818.91	-83.51	-85.66	1.00	-2.15
40	56	96	-9.5 -7.2	-825.55	3.49	0.00	-4.97	-827.03	-83.56	-85.44	1.61	-1.88
40	57	97	-10.0 -6.9	-832.62	3.71	1.25	-4.79	-832.46	-80.92	-82.95	1.68	-2.03
40	58	98	-10.4 -6.6	-839.39	3.55	0.00	-4.62	-840.46	-80.85	-81.28	3.12	-0.43
40	59	99	-10.9 -6.3	-845.86	3.47	1.23	-4.47	-845.62	-77.94	-77.79	3.62	0.15
40	60	100	-11.3 -6.0	-852.04	3.34	0.00	-4.32	-853.02	-77.27	-76.61	4.00	0.66
40	61	101	-11.7 -5.8	-857.94	3.23	1.22	-4.18	-857.67	-73.85	-73.40	3.68	0.45
40	62	102	-12.1 -5.5	-863.57	3.20	0.00	-4.04	-864.42	-72.52	-71.74	3.98	0.78
40	63	103	-12.6 -5.2	-868.95	3.19	1.21	-3.91	-868.46	-68.50	-68.38	3.31	0.12
40	64	104	-13.0 -5.0	-874.06	3.28	0.00	-3.79	-874.57	-66.54	0.00	0.00	0.00
40	65	105	-13.4 -4.7	-878.93	3.16	1.19	-3.68	-878.25	-62.15	0.00	0.00	0.00
40	66	106	-13.8 -4.5	-883.56	3.14	0.00	-3.57	-883.99	-59.81	0.00	0.00	0.00
40	67	107	-14.2 -4.3	-887.95	2.77	1.18	-3.47	-887.47	-55.22	0.00	0.00	0.00
40	68	108	-14.5 -4.1	-892.12	2.52	0.00	-3.37	-892.97	-52.65	0.00	0.00	0.00
40	69	109	-14.9 -3.8	-896.07	2.11	1.17	-3.27	-896.06	-47.67	0.00	0.00	0.00
40	70	110	-15.3 -3.6	-899.81	2.17	0.00	-3.18	-900.82	-44.35	0.00	0.00	0.00
40	71	111	-15.7 -3.4	-903.34	2.09	1.16	-3.09	-903.18	-38.65	0.00	0.00	0.00
40	72	112	-16.0 -3.2	-906.67	2.36	0.00	-3.01	-907.32	-34.71	0.00	0.00	0.00
40	73	113	-16.4 -3.0	-909.80	2.83	1.15	-2.93	-908.76	-28.08	0.00	0.00	0.00
40	74	114	-16.7 -2.8	-912.75	2.41	0.00	-2.86	-913.19	-24.44	0.00	0.00	0.00
40	75	115	-17.1 -2.7	-915.50	1.72	1.14	-2.79	-915.43	-18.61	0.00	0.00	0.00

40	76	116-17.4	-2.5	-918.09	1.16	0.00	-2.72	-919.64	-14.75	0.00	0.00	0.00
40	77	117-17.7	-2.3	-920.49	0.14	1.13	-2.65	-921.87	-8.91	0.00	0.00	0.00
40	78	118-18.1	-2.2	-922.73	-0.42	0.00	-2.59	-925.74	-4.70	0.00	0.00	0.00
40	79	119-18.4	-2.0	-924.81	-1.34	1.12	-2.52	-927.55	1.56	0.00	0.00	0.00
40	80	120-18.7	-1.8	-926.72	-1.77	0.00	-2.47	-930.96	6.22	0.00	0.00	0.00
40	81	121-19.0	-1.7	-928.48	-4.20	1.11	-2.41	-933.98	11.27	0.00	0.00	0.00
40	82	122-19.3	-1.5	-930.09	-5.38	0.00	-2.36	-937.83	15.49	0.00	0.00	0.00
40	83	123-19.6	-1.4	-931.56	-4.71	1.10	-2.30	-937.47	23.92	0.00	0.00	0.00
40	84	124-19.9	-1.3	-932.88	-3.78	0.00	-2.25	-938.92	30.55	0.00	0.00	0.00
40	85	125-20.2	-1.1	-934.07	-3.05	1.09	-2.20	-938.24	39.30	0.00	0.00	0.00
40	86	126-20.5	-1.0	-935.13	-1.91	0.00	-2.16	-939.19	46.41	0.00	0.00	0.00
40	87	127-20.7	-0.9	-936.05	-0.84	1.08	-2.11	-937.92	55.76	0.00	0.00	0.00
40	88	128-21.0	-0.7	-936.85	0.78	0.00	-2.07	-938.14	63.61	0.00	0.00	0.00
40	89	129-21.3	-0.6	-937.53	1.48	1.08	-2.03	-937.01	72.81	0.00	0.00	0.00
40	90	130-21.5	-0.5	-938.10	1.82	0.00	-1.99	-938.26	79.63	0.00	0.00	0.00
40	91	131-21.8	-0.4	-938.55	1.49	1.07	-1.95	-937.94	88.03	0.00	0.00	0.00
40	92	132-22.0	-0.3	-938.89	1.84	0.00	-1.91	-938.96	95.08	0.00	0.00	0.00
40	93	133-22.2	-0.2	-939.13	1.63	1.06	-1.88	-938.31	103.80	0.00	0.00	0.00
40	94	134-22.5	-0.1	-939.26	1.84	0.00	-1.84	-939.26	110.92	0.00	0.00	0.00
40	95	135	0.0	0.0	0.00	1.80	1.05	-1.81	0.00	0.00	0.00	0.00
40	96	136	0.0	0.0	0.00	2.00	0.00	-1.77	0.00	0.00	0.00	0.00
40	97	137	0.0	0.0	0.00	1.75	1.04	-1.74	0.00	0.00	0.00	0.00
41	33	74	3.3-18.4	-548.99	4.07	2.51	-6.35	-548.76	16.35	0.00	0.00	0.00
41	34	75	2.8-17.7	-567.04	4.44	1.39	-6.76	-567.96	5.21	0.00	0.00	0.00
41	35	76	2.2-17.1	-584.47	4.45	2.49	-7.18	-584.71	-3.46	0.00	0.00	0.00
41	36	77	1.6-16.5	-601.30	3.99	1.39	-7.61	-603.53	-14.21	0.00	0.00	0.00
41	37	78	1.1-16.0	-617.55	3.79	2.47	-8.06	-619.35	-21.96	0.00	0.00	0.00
41	38	79	0.5-15.4	-633.22	3.20	1.39	-8.53	-637.16	-31.69	0.00	0.00	0.00
41	39	80	0.0-14.9	-648.35	3.09	2.45	-9.00	-651.81	-38.27	0.00	0.00	0.00
41	40	81	-0.6-14.3	-662.93	3.03	1.39	-9.49	-668.00	-46.40	0.00	0.00	0.00
41	41	82	-1.1-13.8	-676.99	3.36	2.80	-10.00	-680.83	-51.15	0.00	0.00	0.00
41	42	83	-1.7-13.3	-690.54	3.89	1.39	-9.51	-694.77	-57.02	-58.97	1.94	-1.95
41	43	84	-2.2-12.8	-703.60	5.03	2.42	-9.05	-705.20	-59.39	0.00	0.00	0.00
41	44	85	-2.8-12.3	-716.19	4.04	1.39	-8.62	-719.38	-65.48	-67.15	2.37	-1.67
41	45	86	-3.3-11.9	-728.30	3.52	2.40	-8.23	-730.60	-68.64	0.00	0.00	0.00
41	46	87	-3.8-11.4	-739.97	2.46	1.39	-7.86	-743.97	-73.94	-74.18	2.22	-0.24
41	47	88	-4.3-11.0	-751.20	1.67	2.39	-7.51	-754.65	-76.54	0.00	0.00	0.00
41	48	89	-4.8-10.6	-762.00	0.46	1.39	-7.19	-767.34	-81.16	-80.58	1.04	0.58
41	49	90	-5.4-10.2	-772.40	-0.34	2.38	-6.88	-777.25	-83.00	-82.66	0.00	0.34
41	50	91	-5.9-9.8	-782.39	-1.44	1.39	-6.60	-789.04	-86.72	-86.64	-1.36	0.08
41	51	92	-6.3-9.4	-792.01	-0.57	2.36	-6.33	-796.55	-86.16	-86.45	-0.86	-0.29
41	52	93	-6.8-9.1	-801.24	0.44	1.39	-6.08	-805.49	-87.03	-87.21	0.26	-0.18
41	53	94	-7.3-8.7	-810.11	1.51	2.35	-5.85	-812.10	-85.57	-86.37	0.71	-0.80
41	54	95	-7.8-8.4	-818.64	2.45	1.39	-5.63	-820.42	-85.82	-86.78	1.49	-0.96
41	55	96	-8.3-8.0	-826.82	2.97	2.34	-5.42	-826.93	-84.25	-85.61	1.61	-1.36
41	56	97	-8.7-7.7	-834.66	3.35	1.39	-5.22	-835.14	-84.40	-85.61	2.14	-1.21
41	57	98	-9.2-7.4	-842.19	3.74	2.33	-5.04	-841.16	-82.34	-83.53	2.55	-1.19
41	58	99	-9.6-7.1	-849.40	3.70	1.39	-4.86	-849.17	-82.28	-82.33	3.65	-0.05
41	59	100	-10.1-6.8	-856.32	3.71	2.32	-4.70	-854.98	-80.02	-79.94	3.79	0.08
41	60	101	-10.5-6.5	-862.93	3.50	1.39	-4.54	-862.58	-79.55	-78.92	4.13	0.63
41	61	102	-10.9-6.2	-869.27	3.37	2.31	-4.39	-867.98	-76.87	-76.35	3.89	0.52
41	62	103	-11.4-5.9	-875.32	3.31	1.39	-4.25	-874.87	-75.69	-75.32	3.68	0.37
41	63	104	-11.8-5.7	-881.11	3.31	2.30	-4.11	-879.61	-72.37	-72.23	3.45	0.14
41	64	105	-12.2-5.4	-886.64	3.44	1.39	-3.99	-885.79	-70.47	-70.86	3.05	-0.39
41	65	106	-12.6-5.1	-891.91	3.38	2.29	-3.86	-890.10	-66.71	0.00	0.00	0.00
41	66	107	-13.0-4.9	-896.94	3.38	1.39	-3.75	-895.91	-64.45	0.00	0.00	0.00
41	67	108	-13.4-4.7	-901.73	3.14	2.28	-3.64	-899.94	-60.41	0.00	0.00	0.00
41	68	109	-13.8-4.4	-906.28	2.89	1.39	-3.53	-905.53	-57.93	0.00	0.00	0.00
41	69	110	-14.1-4.2	-910.61	2.49	2.27	-3.43	-909.28	-53.60	0.00	0.00	0.00
41	70	111	-14.5-4.0	-914.72	2.49	1.39	-3.34	-914.18	-50.43	0.00	0.00	0.00
41	71	112	-14.9-3.8	-918.62	2.39	2.27	-3.25	-917.21	-45.39	0.00	0.00	0.00
41	72	113	-15.3-3.6	-922.31	3.19	1.39	-3.16	-920.89	-41.00	0.00	0.00	0.00
41	73	114	-15.6-3.4	-925.80	2.94	2.26	-3.08	-923.68	-35.71	0.00	0.00	0.00
41	74	115	-16.0-3.2	-929.09	2.52	1.39	-3.00	-928.18	-32.15	0.00	0.00	0.00
41	75	116	-16.3-3.0	-932.20	1.72	2.25	-2.92	-931.15	-27.04	0.00	0.00	0.00
41	76	117	-16.7-2.8	-935.12	1.16	1.39	-2.85	-935.41	-23.24	0.00	0.00	0.00

41	77	118-17.0	-2.6	-937.86	0.16	2.25	-2.78	-938.23	-17.98	0.00	0.00	0.00
41	78	119-17.3	-2.5	-940.43	-0.39	1.39	-2.71	-942.13	-13.81	0.00	0.00	0.00
41	79	120-17.6	-2.3	-942.82	-1.37	2.24	-2.64	-944.60	-8.21	0.00	0.00	0.00
41	80	121-18.0	-2.1	-945.05	-1.71	1.39	-2.58	-947.95	-3.49	0.00	0.00	0.00
41	81	122-18.3	-2.0	-947.13	-4.47	2.23	-2.52	-951.89	0.65	0.00	0.00	0.00
41	82	123-18.6	-1.8	-949.04	-5.32	1.39	-2.47	-955.44	5.17	0.00	0.00	0.00
41	83	124-18.9	-1.7	-950.81	-4.74	2.23	-2.41	-955.73	12.95	0.00	0.00	0.00
41	84	125-19.2	-1.5	-952.43	-3.81	1.39	-2.36	-957.20	19.55	0.00	0.00	0.00
41	85	126-19.5	-1.4	-953.90	-3.01	2.22	-2.31	-957.00	27.82	0.00	0.00	0.00
41	86	127-19.8	-1.3	-955.24	-2.02	1.39	-2.26	-958.12	34.77	0.00	0.00	0.00
41	87	128-20.0	-1.1	-956.44	-0.58	2.22	-2.21	-957.02	43.95	0.00	0.00	0.00
41	88	129-20.3	-1.0	-957.51	0.79	1.39	-2.16	-957.50	51.54	0.00	0.00	0.00
41	89	130-20.6	-0.9	-958.46	1.43	2.21	-2.12	-956.94	60.17	0.00	0.00	0.00
41	90	131-20.8	-0.8	-959.28	1.79	1.39	-2.08	-958.18	67.00	0.00	0.00	0.00
41	91	132-21.1	-0.6	-959.98	1.58	2.20	-2.04	-958.24	75.01	0.00	0.00	0.00
41	92	133-21.4	-0.5	-960.57	1.86	1.39	-2.00	-959.32	82.00	0.00	0.00	0.00
41	93	134-21.6	-0.4	-961.05	1.72	2.20	-1.96	-959.09	90.30	0.00	0.00	0.00
41	94	135-21.8	-0.3	-961.42	1.95	1.39	-1.92	-960.00	97.46	0.00	0.00	0.00
41	95	136-22.1	-0.2	-961.69	1.87	2.19	-1.89	-959.51	106.03	0.00	0.00	0.00
41	96	137-22.3	-0.1	-961.85	2.06	1.39	-1.85	-960.25	113.35	0.00	0.00	0.00
41	97	138	0.0	0.0	0.00	1.82	2.19	-1.82	0.00	0.00	0.00	0.00
41	98	139	0.0	0.0	0.00	1.88	1.39	-1.79	0.00	0.00	0.00	0.00
41	99	140	0.0	0.0	0.00	1.47	2.18	-1.76	0.00	0.00	0.00	0.00
42	35	77	2.8-17.7	-581.94	4.05	1.47	-6.83	-583.25	5.28	0.00	0.00	0.00
42	36	78	2.3-17.1	-599.33	4.37	0.00	-7.24	-602.20	-5.60	0.00	0.00	0.00
42	37	79	1.8-16.5	-616.13	4.79	1.44	-7.67	-617.56	-12.89	0.00	0.00	0.00
42	38	80	1.2-16.0	-632.36	3.30	0.00	-8.11	-637.16	-24.42	0.00	0.00	0.00
42	39	81	0.7-15.4	-648.03	3.28	1.42	-8.56	-651.90	-31.08	0.00	0.00	0.00
42	40	82	0.1-14.9	-663.17	4.12	0.00	-9.03	-668.07	-39.19	0.00	0.00	0.00
42	41	83	-0.4-14.3	-677.77	4.06	1.39	-9.51	-681.83	-44.87	0.00	0.00	0.00
42	42	84	-1.0-13.8	-691.87	4.84	0.00	-10.00	-697.03	-52.00	0.00	0.00	0.00
42	43	85	-1.5-13.4	-705.46	4.61	1.37	-9.52	-709.00	-55.90	0.00	0.00	0.00
42	44	86	-2.0-12.9	-718.58	3.59	0.00	-9.07	-724.06	-62.88	0.00	0.00	0.00
42	45	87	-2.6-12.4	-731.22	3.09	1.35	-8.65	-735.43	-66.19	-67.44	1.84	-1.25
42	46	88	-3.1-12.0	-743.41	1.99	0.00	-8.26	-749.68	-72.36	0.00	0.00	0.00
42	47	89	-3.6-11.5	-755.15	1.21	1.33	-7.90	-760.51	-75.12	-75.00	1.33	0.12
42	48	90	-4.1-11.1	-766.47	-0.04	0.00	-7.56	-774.07	-80.61	-80.17	0.40	0.44
42	49	91	-4.6-10.7	-777.37	-0.82	1.31	-7.24	-784.12	-82.59	-82.21	-0.44	0.38
42	50	92	-5.1-10.3	-787.86	-2.12	0.00	-6.94	-796.92	-87.32	-86.81	-1.61	0.51
42	51	93	-5.6-9.9	-797.97	-1.07	1.29	-6.66	-804.40	-86.73	-86.80	-1.14	-0.07
42	52	94	-6.1-9.5	-807.69	-0.12	0.00	-6.40	-814.21	-88.46	-88.41	-0.07	0.05
42	53	95	-6.5-9.2	-817.04	0.97	1.28	-6.15	-820.94	-87.13	-87.71	0.39	-0.58
42	54	96	-7.0-8.8	-826.04	1.79	0.00	-5.92	-830.16	-88.28	-88.79	1.28	-0.51
42	55	97	-7.5-8.5	-834.69	2.46	1.26	-5.70	-836.66	-86.70	-87.54	1.62	-0.84
42	56	98	-7.9-8.1	-842.99	2.98	0.00	-5.49	-845.50	-87.47	-88.11	2.34	-0.64
42	57	99	-8.4-7.8	-850.98	3.45	1.25	-5.29	-851.57	-85.47	-85.97	2.95	-0.50
42	58	100	-8.9-7.5	-858.64	3.62	0.00	-5.11	-860.13	-85.95	-86.18	3.39	-0.23
42	59	101	-9.3-7.2	-866.00	3.81	1.23	-4.93	-865.88	-83.64	-83.51	3.94	0.13
42	60	102	-9.7-6.9	-873.05	3.80	0.00	-4.77	-874.01	-83.70	-83.56	3.94	0.14
42	61	103-10.2	-6.6	-879.81	3.68	1.22	-4.61	-879.52	-81.13	-80.85	3.96	0.28
42	62	104-10.6	-6.3	-886.29	3.69	0.00	-4.46	-887.06	-80.60	-80.34	3.95	0.26
42	63	105-11.0	-6.1	-892.50	3.61	1.21	-4.32	-892.00	-77.47	-77.34	3.74	0.13
42	64	106-11.4	-5.8	-898.44	3.72	0.00	-4.18	-898.90	-76.30	-76.27	3.75	0.03
42	65	107-11.8	-5.5	-904.12	3.68	1.19	-4.05	-903.30	-72.62	-72.93	3.37	-0.31
42	66	108-12.2	-5.3	-909.54	3.71	0.00	-3.93	-909.76	-71.02	0.00	0.00	0.00
42	67	109-12.6	-5.1	-914.72	3.45	1.18	-3.82	-913.91	-67.09	0.00	0.00	0.00
42	68	110-13.0	-4.8	-919.67	3.19	0.00	-3.71	-920.18	-65.29	0.00	0.00	0.00
42	69	111-13.4	-4.6	-924.38	2.82	1.17	-3.60	-923.99	-61.03	0.00	0.00	0.00
42	70	112-13.8	-4.4	-928.87	2.83	0.00	-3.50	-929.54	-58.50	0.00	0.00	0.00
42	71	113-14.1	-4.2	-933.13	3.39	1.16	-3.40	-931.99	-52.89	0.00	0.00	0.00
42	72	114-14.5	-3.9	-937.19	3.08	0.00	-3.31	-937.42	-50.25	0.00	0.00	0.00
42	73	115-14.9	-3.7	-941.04	2.53	1.15	-3.22	-940.58	-45.34	0.00	0.00	0.00
42	74	116-15.2	-3.5	-944.69	2.10	0.00	-3.14	-945.73	-42.41	0.00	0.00	0.00
42	75	117-15.6	-3.4	-948.14	1.32	1.14	-3.06	-948.74	-37.35	0.00	0.00	0.00
42	76	118-15.9	-3.2	-951.40	0.81	0.00	-2.98	-953.57	-34.11	0.00	0.00	0.00
42	77	119-16.2	-3.0	-954.48	-0.20	1.13	-2.91	-956.46	-28.93	0.00	0.00	0.00

42	78	120-16.6	-2.8	-957.37	-0.75	0.00	-2.84	-960.96	-25.36	0.00	0.00	0.00
42	79	121-16.9	-2.6	-960.10	-1.78	1.12	-2.77	-963.53	-19.85	0.00	0.00	0.00
42	80	122-17.2	-2.5	-962.65	-2.14	0.00	-2.70	-967.49	-15.75	0.00	0.00	0.00
42	81	123-17.5	-2.3	-965.03	-4.86	1.11	-2.64	-971.43	-11.61	0.00	0.00	0.00
42	82	124-17.9	-2.1	-967.26	-5.93	0.00	-2.58	-975.77	-7.88	0.00	0.00	0.00
42	83	125-18.2	-2.0	-969.33	-5.33	1.10	-2.52	-976.08	-0.12	0.00	0.00	0.00
42	84	126-18.5	-1.8	-971.25	-4.25	0.00	-2.47	-977.96	6.07	0.00	0.00	0.00
42	85	127-18.8	-1.7	-973.02	-3.50	1.09	-2.41	-977.84	14.27	0.00	0.00	0.00
42	86	128-19.0	-1.6	-974.64	-2.32	0.00	-2.36	-979.32	20.85	0.00	0.00	0.00
42	87	129-19.3	-1.4	-976.13	-0.41	1.08	-2.31	-977.76	30.48	0.00	0.00	0.00
42	88	130-19.6	-1.3	-977.48	0.50	0.00	-2.26	-979.24	37.08	0.00	0.00	0.00
42	89	131-19.9	-1.1	-978.69	1.15	1.08	-2.22	-978.68	45.70	0.00	0.00	0.00
42	90	132-20.2	-1.0	-979.78	1.63	0.00	-2.17	-980.32	52.14	0.00	0.00	0.00
42	91	133-20.4	-0.9	-980.75	1.59	1.07	-2.13	-980.22	60.31	0.00	0.00	0.00
42	92	134-20.7	-0.8	-981.59	1.91	0.00	-2.09	-981.77	66.84	0.00	0.00	0.00
42	93	135-20.9	-0.7	-982.32	1.81	1.06	-2.05	-981.49	75.18	0.00	0.00	0.00
42	94	136-21.2	-0.6	-982.93	2.10	0.00	-2.01	-982.84	81.91	0.00	0.00	0.00
42	95	137-21.4	-0.4	-983.43	2.05	1.05	-1.97	-982.30	90.52	0.00	0.00	0.00
42	96	138-21.7	-0.3	-983.83	2.24	0.00	-1.93	-983.52	97.36	0.00	0.00	0.00
42	97	139-21.9	-0.2	-984.12	2.06	1.04	-1.90	-982.92	106.04	0.00	0.00	0.00
42	98	140-22.1	-0.1	-984.32	2.18	0.00	-1.86	-984.00	113.03	0.00	0.00	0.00
42	99	141-22.3	-0.1	-984.42	1.80	1.04	-1.83	-983.41	121.69	0.00	0.00	0.00
42	100	142	0.0	0.0	0.00	1.74	0.00	-1.80	0.00	0.00	0.00	0.00
42	101	143	0.0	0.0	0.00	1.06	1.03	-1.77	0.00	0.00	0.00	0.00
42	102	144	0.0	0.0	0.00	0.80	0.00	-1.74	0.00	0.00	0.00	0.00
43	36	79	2.9-17.6	-596.70	4.12	1.37	-6.89	-598.10	5.78	0.00	0.00	0.00
43	37	80	2.4-17.1	-614.05	4.41	2.46	-7.30	-614.48	-2.52	0.00	0.00	0.00
43	38	81	1.9-16.5	-630.82	4.18	1.37	-7.72	-632.99	-12.96	0.00	0.00	0.00
43	39	82	1.3-15.9	-647.04	4.31	2.44	-8.15	-648.44	-20.34	0.00	0.00	0.00
43	40	83	0.8-15.4	-662.71	3.76	1.37	-8.59	-666.17	-30.00	0.00	0.00	0.00
43	41	84	0.3-14.9	-677.85	3.66	2.42	-9.05	-680.82	-36.58	0.00	0.00	0.00
43	42	85	-0.3-14.4	-692.48	4.52	1.37	-9.52	-696.11	-43.79	0.00	0.00	0.00
43	43	86	-0.8-13.9	-706.60	4.27	2.75	-10.00	-709.58	-49.20	0.00	0.00	0.00
43	44	87	-1.3-13.4	-720.24	3.24	1.37	-9.53	-725.16	-56.71	0.00	0.00	0.00
43	45	88	-1.8-12.9	-733.41	2.76	2.39	-9.09	-737.35	-60.82	0.00	0.00	0.00
43	46	89	-2.3-12.5	-746.11	1.62	1.37	-8.68	-751.80	-67.20	0.00	0.00	0.00
43	47	90	-2.9-12.0	-758.37	0.84	2.37	-8.30	-763.46	-70.78	0.00	0.00	0.00
43	48	91	-3.4-11.6	-770.19	-0.39	1.37	-7.94	-777.15	-76.41	-75.99	0.03	0.42
43	49	92	-3.9-11.2	-781.59	-1.16	2.36	-7.60	-788.00	-79.19	-78.94	-0.92	0.25
43	50	93	-4.4-10.8	-792.58	-2.45	1.37	-7.29	-800.95	-84.07	-83.61	-1.99	0.46
43	51	94	-4.8-10.4	-803.18	-1.37	2.35	-6.99	-809.20	-84.24	-84.16	-1.29	0.08
43	52	95	-5.3-10.0	-813.38	-0.40	1.37	-6.72	-819.13	-86.10	-86.02	-0.32	0.08
43	53	96	-5.8-9.6	-823.21	0.70	2.33	-6.46	-826.64	-85.54	-85.82	0.42	-0.28
43	54	97	-6.3-9.3	-832.68	1.26	1.37	-6.21	-836.26	-87.09	-87.22	1.13	-0.13
43	55	98	-6.7-8.9	-841.79	2.05	2.32	-5.98	-843.40	-86.16	-86.43	1.78	-0.27
43	56	99	-7.2-8.6	-850.56	2.64	1.37	-5.76	-852.31	-87.00	-87.32	2.32	-0.32
43	57	100	-7.6-8.3	-859.00	3.15	2.31	-5.55	-859.09	-85.71	-86.02	2.84	-0.31
43	58	101	-8.1-8.0	-867.11	3.52	1.37	-5.36	-867.58	-86.12	-86.34	3.30	-0.22
43	59	102	-8.5-7.6	-874.91	3.72	2.30	-5.17	-874.06	-84.53	-84.57	3.68	-0.04
43	60	103	-9.0-7.3	-882.40	3.70	1.37	-5.00	-882.33	-84.73	-84.60	3.83	0.13
43	61	104	-9.4-7.0	-889.59	3.79	2.29	-4.83	-888.34	-82.67	-82.49	3.97	0.18
43	62	105	-9.8-6.8	-896.49	3.83	1.37	-4.68	-895.97	-82.23	-82.29	3.77	-0.06
43	63	106	-10.2-6.5	-903.12	3.87	2.28	-4.53	-901.49	-79.68	-79.78	3.77	-0.10
43	64	107	-10.7-6.2	-909.47	3.89	1.37	-4.39	-908.59	-78.71	-79.09	3.51	-0.38
43	65	108	-11.1-6.0	-915.55	3.86	2.27	-4.25	-913.67	-75.71	-75.94	3.63	-0.23
43	66	109	-11.5-5.7	-921.38	4.61	1.37	-4.12	-919.52	-73.50	-74.61	3.50	-1.11
43	67	110	-11.9-5.4	-926.96	4.35	2.26	-4.00	-924.34	-70.24	0.00	0.00	0.00
43	68	111	-12.2-5.2	-932.29	4.02	1.37	-3.88	-930.78	-68.61	0.00	0.00	0.00
43	69	112	-12.6-5.0	-937.39	3.69	2.26	-3.77	-935.21	-64.97	0.00	0.00	0.00
43	70	113	-13.0-4.7	-942.25	3.42	1.37	-3.67	-941.13	-62.81	0.00	0.00	0.00
43	71	114	-13.4-4.5	-946.89	3.17	2.25	-3.56	-945.04	-58.65	0.00	0.00	0.00
43	72	115	-13.7-4.3	-951.31	2.87	1.37	-3.47	-950.54	-56.09	0.00	0.00	0.00
43	73	116	-14.1-4.1	-955.52	2.36	2.24	-3.37	-954.30	-51.77	0.00	0.00	0.00
43	74	117	-14.5-3.9	-959.53	1.97	1.37	-3.29	-959.47	-48.87	0.00	0.00	0.00
43	75	118	-14.8-3.7	-963.33	1.15	2.23	-3.20	-963.15	-44.48	0.00	0.00	0.00
43	76	119	-15.2-3.5	-966.94	0.63	1.37	-3.12	-968.06	-41.31	0.00	0.00	0.00

43	77	120-15.5	-3.3	-970.35	-0.32	2.23	-3.04	-971.49	-36.67	0.00	0.00	0.00
43	78	121-15.8	-3.1	-973.59	-0.91	1.37	-2.97	-976.09	-33.21	0.00	0.00	0.00
43	79	122-16.2	-3.0	-976.64	-1.89	2.22	-2.90	-979.20	-28.24	0.00	0.00	0.00
43	80	123-16.5	-2.8	-979.51	-2.27	1.37	-2.83	-983.24	-24.21	0.00	0.00	0.00
43	81	124-16.8	-2.6	-982.22	-4.99	2.21	-2.76	-987.75	-20.65	0.00	0.00	0.00
43	82	125-17.1	-2.5	-984.75	-6.09	1.37	-2.70	-992.17	-17.00	0.00	0.00	0.00
43	83	126-17.4	-2.3	-987.13	-5.46	2.21	-2.64	-993.02	-9.78	0.00	0.00	0.00
43	84	127-17.7	-2.1	-989.35	-4.38	1.37	-2.58	-994.94	-3.63	0.00	0.00	0.00
43	85	128-18.0	-2.0	-991.42	-3.57	2.20	-2.52	-995.31	4.08	0.00	0.00	0.00
43	86	129-18.3	-1.8	-993.34	-2.13	1.37	-2.47	-996.56	10.89	0.00	0.00	0.00
43	87	130-18.6	-1.7	-995.11	-0.59	2.20	-2.41	-995.92	19.61	0.00	0.00	0.00
43	88	131-18.9	-1.6	-996.74	0.31	1.37	-2.36	-997.42	26.18	0.00	0.00	0.00
43	89	132-19.2	-1.4	-998.24	0.96	2.19	-2.31	-997.40	34.27	0.00	0.00	0.00
43	90	133-19.5	-1.3	-999.60	1.56	1.37	-2.27	-998.94	40.81	0.00	0.00	0.00
43	91	134-19.7	-1.2	-1000.83	1.55	2.19	-2.22	-999.32	48.50	0.00	0.00	0.00
43	92	135-20.0	-1.0	-1001.94	1.74	1.37	-2.18	-1001.00	54.88	0.00	0.00	0.00
43	93	136-20.3	-0.9	-1002.92	1.81	2.18	-2.14	-1001.06	62.89	0.00	0.00	0.00
43	94	137-20.5	-0.8	-1003.78	2.08	1.37	-2.09	-1002.43	69.60	0.00	0.00	0.00
43	95	138-20.8	-0.7	-1004.53	2.04	2.17	-2.05	-1002.37	77.73	0.00	0.00	0.00
43	96	139-21.0	-0.6	-1005.17	2.14	1.37	-2.02	-1003.67	84.50	0.00	0.00	0.00
43	97	140-21.3	-0.5	-1005.70	2.03	2.17	-1.98	-1003.48	92.77	0.00	0.00	0.00
43	98	141-21.5	-0.4	-1006.12	2.22	1.37	-1.94	-1004.47	99.84	0.00	0.00	0.00
43	99	142-21.7	-0.3	-1006.44	1.84	2.17	-1.91	-1004.35	108.04	0.00	0.00	0.00
43	100	143-21.9	-0.2	-1006.67	1.76	1.37	-1.87	-1005.41	115.05	0.00	0.00	0.00
43	101	144-22.1	-0.1	-1006.79	1.17	2.16	-1.84	-1005.31	123.22	0.00	0.00	0.00
43	102	145	0.0	0.00	1.01	1.37	-1.81	0.00	0.00	0.00	0.00	0.00
43	103	146	0.0	0.00	0.83	2.16	-1.78	0.00	0.00	0.00	0.00	0.00
43	104	147	0.0	0.00	1.44	1.37	-1.75	0.00	0.00	0.00	0.00	0.00
44	37	81	3.0-17.6	-611.32	4.02	1.44	-6.96	-612.82	6.42	0.00	0.00	0.00
44	38	82	2.5-17.0	-628.63	3.80	0.00	-7.35	-632.18	-4.87	0.00	0.00	0.00
44	39	83	2.0-16.5	-645.37	5.23	1.42	-7.76	-646.49	-11.11	0.00	0.00	0.00
44	40	84	1.5-15.9	-661.58	4.74	0.00	-8.19	-665.02	-21.57	0.00	0.00	0.00
44	41	85	0.9-15.4	-677.25	4.64	1.39	-8.62	-679.84	-28.31	0.00	0.00	0.00
44	42	86	0.4-14.9	-692.40	3.77	0.00	-9.07	-697.70	-38.10	0.00	0.00	0.00
44	43	87	-0.1-14.4	-707.05	3.52	1.37	-9.53	-711.69	-44.02	0.00	0.00	0.00
44	44	88	-0.6-13.9	-721.21	2.49	0.00	-10.00	-728.72	-52.98	0.00	0.00	0.00
44	45	89	-1.1-13.4	-734.89	1.98	1.35	-9.54	-741.10	-57.29	0.00	0.00	0.00
44	46	90	-1.6-13.0	-748.10	0.85	0.00	-9.11	-756.36	-64.48	0.00	0.00	0.00
44	47	91	-2.1-12.5	-760.87	0.08	1.33	-8.71	-768.16	-68.21	0.00	0.00	0.00
44	48	92	-2.6-12.1	-773.19	-1.20	0.00	-8.33	-782.72	-74.70	0.00	0.00	0.00
44	49	93	-3.1-11.7	-785.09	-1.95	1.31	-7.98	-793.70	-77.61	-77.27	-1.61	0.34
44	50	94	-3.6-11.3	-796.57	-3.24	0.00	-7.65	-807.46	-83.29	-82.57	-2.52	0.72
44	51	95	-4.1-10.9	-807.65	-2.08	1.29	-7.34	-815.77	-83.53	-83.45	-2.00	0.08
44	52	96	-4.6-10.5	-818.34	-1.11	0.00	-7.05	-826.49	-86.18	-86.07	-1.00	0.11
44	53	97	-5.1-10.1	-828.64	0.01	1.28	-6.77	-834.13	-85.74	-86.11	-0.36	-0.37
44	54	98	-5.5-9.8	-838.58	0.57	0.00	-6.51	-844.52	-88.07	-88.22	0.42	-0.15
44	55	99	-6.0-9.4	-848.15	1.36	1.26	-6.27	-851.80	-87.28	-87.62	1.02	-0.34
44	56	100	-6.5-9.1	-857.38	2.00	0.00	-6.04	-861.42	-88.83	-89.22	1.61	-0.39
44	57	101	-6.9-8.7	-866.27	2.54	1.25	-5.82	-868.31	-87.64	-87.95	2.23	-0.31
44	58	102	-7.3-8.4	-874.83	2.98	0.00	-5.62	-877.47	-88.73	-89.10	2.61	-0.37
44	59	103	-7.8-8.1	-883.07	3.31	1.23	-5.42	-883.95	-87.14	-87.26	3.19	-0.12
44	60	104	-8.2-7.8	-890.99	3.49	0.00	-5.24	-892.74	-87.86	-88.09	3.26	-0.23
44	61	105	-8.7-7.5	-898.61	3.70	1.22	-5.07	-898.76	-85.81	-85.93	3.58	-0.12
44	62	106	-9.1-7.2	-905.94	3.83	0.00	-4.90	-907.01	-85.99	-86.33	3.49	-0.34
44	63	107	-9.5-6.9	-912.98	3.90	1.21	-4.74	-912.62	-83.53	-83.91	3.52	-0.38
44	64	108	-9.9-6.6	-919.75	3.99	0.00	-4.59	-920.35	-83.18	-83.65	3.52	-0.47
44	65	109	-10.3-6.4	-926.24	3.94	1.19	-4.45	-925.56	-80.32	-80.85	3.41	-0.53
44	66	110	-10.7-6.1	-932.47	4.20	0.00	-4.32	-932.58	-79.27	0.00	0.00	0.00
44	67	111	-11.1-5.8	-938.44	3.93	1.18	-4.19	-937.52	-76.13	0.00	0.00	0.00
44	68	112	-11.5-5.6	-944.16	3.60	0.00	-4.07	-944.63	-75.18	0.00	0.00	0.00
44	69	113	-11.9-5.4	-949.64	3.28	1.17	-3.95	-949.14	-71.62	0.00	0.00	0.00
44	70	114	-12.3-5.1	-954.89	3.01	0.00	-3.84	-955.71	-70.12	0.00	0.00	0.00
44	71	115	-12.6-4.9	-959.90	2.77	1.16	-3.73	-959.70	-66.03	0.00	0.00	0.00
44	72	116	-13.0-4.7	-964.69	2.49	0.00	-3.63	-965.83	-64.09	0.00	0.00	0.00
44	73	117	-13.4-4.5	-969.27	1.99	1.15	-3.53	-969.66	-59.85	0.00	0.00	0.00
44	74	118	-13.7-4.3	-973.63	1.55	0.00	-3.44	-975.51	-57.63	0.00	0.00	0.00

44	75	119-14.1	-4.0	-977.78	0.78	1.14	-3.35	-979.21	-53.26	0.00	0.00	0.00	
44	76	120-14.4	-3.9	-981.73	0.24	0.00	-3.26	-984.76	-50.73	0.00	0.00	0.00	
44	77	121-14.8	-3.7	-985.49	-0.79	1.13	-3.18	-988.34	-46.24	0.00	0.00	0.00	
44	78	122-15.1	-3.5	-989.06	-1.36	0.00	-3.10	-993.52	-43.36	0.00	0.00	0.00	
44	79	123-15.4	-3.3	-992.45	-2.39	1.12	-3.03	-996.74	-38.50	0.00	0.00	0.00	
44	80	124-15.8	-3.1	-995.65	-3.65	0.00	-2.95	-1002.25	-35.94	0.00	0.00	0.00	
44	81	125-16.1	-2.9	-998.67	-5.79	1.11	-2.88	-1006.24	-31.86	0.00	0.00	0.00	
44	82	126-16.4	-2.8	-1001.53	-6.88	0.00	-2.82	-1011.23	-28.77	0.00	0.00	0.00	
44	83	127-16.7	-2.6	-1004.22	-6.19	1.10	-2.75	-1012.06	-21.54	0.00	0.00	0.00	
44	84	128-17.0	-2.4	-1006.74	-5.09	0.00	-2.69	-1014.53	-15.93	0.00	0.00	0.00	
44	85	129-17.3	-2.3	-1009.11	-4.27	1.09	-2.63	-1014.92	-8.26	0.00	0.00	0.00	
44	86	130-17.6	-2.1	-1011.33	-3.11	0.00	-2.57	-1017.01	-2.27	0.00	0.00	0.00	
44	87	131-17.9	-2.0	-1013.39	-1.36	1.08	-2.52	-1016.19	6.62	0.00	0.00	0.00	
44	88	132-18.2	-1.8	-1015.31	-0.20	0.00	-2.47	-1017.98	12.90	0.00	0.00	0.00	
44	89	133-18.5	-1.7	-1017.09	0.44	1.08	-2.41	-1017.99	20.97	0.00	0.00	0.00	
44	90	134-18.8	-1.6	-1018.73	1.24	0.00	-2.37	-1019.85	27.17	0.00	0.00	0.00	
44	91	135-19.1	-1.4	-1020.23	1.36	1.07	-2.32	-1020.12	34.97	0.00	0.00	0.00	
44	92	136-19.3	-1.3	-1021.60	1.65	0.00	-2.27	-1022.22	40.94	0.00	0.00	0.00	
44	93	137-19.6	-1.2	-1022.85	1.73	1.06	-2.23	-1022.29	48.95	0.00	0.00	0.00	
44	94	138-19.9	-1.1	-1023.97	2.03	0.00	-2.18	-1024.13	55.19	0.00	0.00	0.00	
44	95	139-20.1	-0.9	-1024.97	1.98	1.05	-2.14	-1024.08	63.30	0.00	0.00	0.00	
44	96	140-20.4	-0.8	-1025.86	2.15	0.00	-2.10	-1025.81	69.65	0.00	0.00	0.00	
44	97	141-20.6	-0.7	-1026.63	2.01	1.04	-2.06	-1025.64	77.89	0.00	0.00	0.00	
44	98	142-20.8	-0.6	-1027.29	2.18	0.00	-2.02	-1027.13	84.46	0.00	0.00	0.00	
44	99	143-21.1	-0.5	-1027.84	1.90	1.04	-1.99	-1026.89	92.78	0.00	0.00	0.00	
44	100	144-21.3	-0.4	-1028.29	1.89	0.00	-1.95	-1028.35	99.39	0.00	0.00	0.00	
44	101	145-21.5	-0.3	-1028.64	1.43	1.03	-1.92	-1028.10	107.71	0.00	0.00	0.00	
44	102	146-21.8	-0.2	-1028.89	1.28	0.00	-1.89	-1029.49	114.39	0.00	0.00	0.00	
44	103	147-22.0	-0.1	-1029.05	1.17	1.02	-1.85	-1028.71	123.25	0.00	0.00	0.00	
44	104	148	0.0	0.0	0.00	1.62	0.00	-1.82	0.00	0.00	0.00	0.00	
44	105	149	0.0	0.0	0.00	1.71	1.02	-1.79	0.00	0.00	0.00	0.00	
44	106	150	0.0	0.0	0.00	1.92	0.00	-1.76	0.00	0.00	0.00	0.00	
45	38	83	3.1	-17.5	-625.79	3.33	1.35	-7.02	-628.13	6.46	0.00	0.00	0.00
45	39	84	2.6	-17.0	-643.06	4.34	2.42	-7.41	-643.71	-1.05	0.00	0.00	0.00
45	40	85	2.1	-16.5	-659.79	3.89	1.35	-7.81	-662.36	-11.62	0.00	0.00	0.00
45	41	86	1.6	-15.9	-675.98	3.90	2.40	-8.23	-677.90	-19.09	0.00	0.00	0.00
45	42	87	1.1	-15.4	-691.65	3.00	1.35	-8.65	-695.95	-29.07	0.00	0.00	0.00
45	43	88	0.6	-14.9	-706.81	2.78	2.39	-9.09	-710.74	-35.79	0.00	0.00	0.00
45	44	89	0.1	-14.4	-721.48	1.71	1.35	-9.54	-727.96	-44.94	0.00	0.00	0.00
45	45	90	-0.4	-14.0	-735.67	1.24	2.70	-10.00	-741.73	-50.64	0.00	0.00	0.00
45	46	91	-0.9	-13.5	-749.39	0.09	1.35	-9.55	-757.50	-58.34	0.00	0.00	0.00
45	47	92	-1.4	-13.0	-762.66	-0.60	2.36	-9.13	-770.03	-62.79	0.00	0.00	0.00
45	48	93	-1.9	-12.6	-775.48	-1.86	1.35	-8.73	-784.72	-69.41	0.00	0.00	0.00
45	49	94	-2.4	-12.2	-787.87	-2.59	2.34	-8.36	-796.48	-73.10	-72.94	-2.43	0.16
45	50	95	-2.9	-11.8	-799.84	-3.86	1.35	-8.02	-810.36	-78.91	-78.34	-3.29	0.57
45	51	96	-3.4	-11.4	-811.40	-2.82	2.33	-7.69	-819.58	-80.06	-79.63	-2.39	0.43
45	52	97	-3.9	-11.0	-822.56	-1.93	1.35	-7.39	-830.53	-82.94	-82.59	-1.58	0.35
45	53	98	-4.3	-10.6	-833.34	-1.00	2.32	-7.10	-839.12	-83.46	-83.17	-0.71	0.29
45	54	99	-4.8	-10.2	-843.74	-0.06	1.35	-6.83	-849.28	-85.55	-85.52	-0.03	0.03
45	55	100	-5.3	-9.9	-853.78	0.69	2.31	-6.57	-857.36	-85.55	-85.59	0.65	-0.04
45	56	101	-5.7	-9.5	-863.47	1.38	1.35	-6.33	-867.07	-87.19	-87.41	1.16	-0.22
45	57	102	-6.2	-9.2	-872.80	1.96	2.29	-6.10	-874.65	-86.70	-86.83	1.83	-0.13
45	58	103	-6.6	-8.8	-881.81	2.44	1.35	-5.89	-883.90	-87.88	-88.02	2.30	-0.14
45	59	104	-7.1	-8.5	-890.49	2.97	2.28	-5.68	-890.91	-86.82	-86.95	2.84	-0.13
45	60	105	-7.5	-8.2	-898.85	3.37	1.35	-5.49	-899.61	-87.45	-87.85	2.97	-0.40
45	61	106	-7.9	-7.9	-906.90	3.44	2.27	-5.30	-906.49	-86.25	-86.36	3.33	-0.11
45	62	107	-8.3	-7.6	-914.65	3.74	1.35	-5.13	-914.69	-86.38	-86.86	3.26	-0.48
45	63	108	-8.8	-7.3	-922.11	3.69	2.26	-4.97	-921.12	-84.74	-85.00	3.43	-0.26
45	64	109	-9.2	-7.0	-929.28	4.29	1.35	-4.81	-928.45	-84.00	-85.01	3.28	-1.01
45	65	110	-9.6	-6.8	-936.18	4.16	2.26	-4.66	-934.43	-81.90	-82.95	3.11	-1.05
45	66	111	-10.0	-6.5	-942.81	3.86	1.35	-4.52	-942.12	-81.53	0.00	0.00	0.00
45	67	112	-10.4	-6.2	-949.18	3.60	2.25	-4.38	-947.72	-79.05	0.00	0.00	0.00
45	68	113	-10.8	-6.0	-955.29	3.28	1.35	-4.25	-954.92	-78.18	0.00	0.00	0.00
45	69	114	-11.1	-5.7	-961.16	2.98	2.24	-4.13	-960.07	-75.26	0.00	0.00	0.00
45	70	115	-11.5	-5.5	-966.78	2.70	1.35	-4.01	-966.75	-73.87	0.00	0.00	0.00
45	71	116	-11.9	-5.3	-972.17	2.49	2.23	-3.90	-971.35	-70.40	0.00	0.00	0.00

45	72	117-12.3	-5.0	-977.33	2.17	1.35	-3.79	-977.61	-68.59	0.00	0.00	0.00	
45	73	118-12.6	-4.8	-982.27	1.72	2.22	-3.69	-982.02	-64.93	0.00	0.00	0.00	
45	74	119-13.0	-4.6	-986.99	1.29	1.35	-3.59	-987.95	-62.78	0.00	0.00	0.00	
45	75	120-13.4	-4.4	-991.50	0.51	2.22	-3.50	-992.27	-59.04	0.00	0.00	0.00	
45	76	121-13.7	-4.2	-995.80	-0.10	1.35	-3.41	-997.96	-56.66	0.00	0.00	0.00	
45	77	122-14.0	-4.0	-999.91	-1.09	2.21	-3.32	-1002.11	-52.73	0.00	0.00	0.00	
45	78	123-14.4	-3.8	-1003.81	-1.74	1.35	-3.24	-1007.45	-50.00	0.00	0.00	0.00	
45	79	124-14.7	-3.6	-1007.53	-2.74	2.20	-3.16	-1011.23	-45.71	0.00	0.00	0.00	
45	80	125-15.1	-3.4	-1011.06	-4.01	1.35	-3.09	-1016.81	-43.21	0.00	0.00	0.00	
45	81	126-15.4	-3.3	-1014.41	-6.12	2.20	-3.01	-1021.35	-39.68	0.00	0.00	0.00	
45	82	127-15.7	-3.1	-1017.59	-7.27	1.35	-2.94	-1026.45	-36.71	0.00	0.00	0.00	
45	83	128-16.0	-2.9	-1020.59	-6.47	2.19	-2.87	-1027.75	-29.94	0.00	0.00	0.00	
45	84	129-16.3	-2.8	-1023.43	-5.44	1.35	-2.81	-1030.33	-24.45	0.00	0.00	0.00	
45	85	130-16.6	-2.6	-1026.10	-4.60	2.18	-2.75	-1031.26	-17.31	0.00	0.00	0.00	
45	86	131-16.9	-2.4	-1028.62	-2.93	1.35	-2.69	-1032.88	-10.86	0.00	0.00	0.00	
45	87	132-17.2	-2.3	-1030.98	-1.62	2.18	-2.63	-1033.05	-2.95	0.00	0.00	0.00	
45	88	133-17.5	-2.1	-1033.19	-0.52	1.35	-2.57	-1034.93	3.24	0.00	0.00	0.00	
45	89	134-17.8	-2.0	-1035.25	0.18	2.17	-2.52	-1035.42	10.82	0.00	0.00	0.00	
45	90	135-18.1	-1.8	-1037.17	0.93	1.35	-2.47	-1037.36	16.95	0.00	0.00	0.00	
45	91	136-18.4	-1.7	-1038.95	1.25	2.17	-2.42	-1037.95	24.43	0.00	0.00	0.00	
45	92	137-18.7	-1.6	-1040.60	1.48	1.35	-2.37	-1040.13	30.32	0.00	0.00	0.00	
45	93	138-18.9	-1.4	-1042.11	1.48	2.16	-2.32	-1040.79	37.73	0.00	0.00	0.00	
45	94	139-19.2	-1.3	-1043.49	1.86	1.35	-2.28	-1042.56	44.03	0.00	0.00	0.00	
45	95	140-19.4	-1.2	-1044.75	1.84	2.16	-2.23	-1042.99	51.68	0.00	0.00	0.00	
45	96	141-19.7	-1.1	-1045.89	1.95	1.35	-2.19	-1044.78	57.95	0.00	0.00	0.00	
45	97	142-20.0	-1.0	-1046.91	1.84	2.15	-2.15	-1045.07	65.74	0.00	0.00	0.00	
45	98	143-20.2	-0.8	-1047.81	2.01	1.35	-2.11	-1046.56	72.32	0.00	0.00	0.00	
45	99	144-20.4	-0.7	-1048.61	1.66	2.15	-2.07	-1046.87	80.08	0.00	0.00	0.00	
45	100	145-20.7	-0.6	-1049.29	1.70	1.35	-2.03	-1048.27	86.75	0.00	0.00	0.00	
45	101	146-20.9	-0.5	-1049.86	1.32	2.14	-2.00	-1048.40	94.69	0.00	0.00	0.00	
45	102	147-21.1	-0.4	-1050.34	1.26	1.35	-1.96	-1049.69	101.47	0.00	0.00	0.00	
45	103	148-21.4	-0.3	-1050.71	1.16	2.14	-1.93	-1049.34	109.89	0.00	0.00	0.00	
45	104	149-21.6	-0.2	-1050.99	1.67	1.35	-1.90	-1049.87	117.44	0.00	0.00	0.00	
45	105	150-21.8	-0.1	-1051.18	1.62	2.13	-1.86	-1049.29	126.09	0.00	0.00	0.00	
45	106	151-22.0	0.0	-1051.27	1.84	1.35	-1.83	-1049.92	133.53	0.00	0.00	0.00	
45	107	152	0.0	0.00	1.55	2.13	-1.80	0.00	0.00	0.00	0.00	0.00	
45	108	153	0.0	0.00	1.51	1.35	-1.77	0.00	0.00	0.00	0.00	0.00	
46	40	86	2.7-17.0	-657.36	3.13	0.00	-7.46	-661.69	-3.68	0.00	0.00	0.00	
46	41	87	2.2-16.4	-674.07	3.13	1.39	-7.86	-677.40	-11.31	0.00	0.00	0.00	
46	42	88	1.7-15.9	-690.25	2.26	0.00	-8.26	-696.25	-22.09	0.00	0.00	0.00	
46	43	89	1.2-15.4	-705.92	2.04	1.37	-8.68	-711.19	-28.95	0.00	0.00	0.00	
46	44	90	0.7-14.9	-721.09	0.96	0.00	-9.11	-729.24	-38.94	0.00	0.00	0.00	
46	45	91	0.2-14.5	-735.78	0.48	1.35	-9.55	-743.50	-45.13	0.00	0.00	0.00	
46	46	92	-0.3-14.0	-750.00	-0.70	0.00	-10.00	-760.70	-54.26	0.00	0.00	0.00	
46	47	93	-0.8-13.5	-763.76	-1.43	1.33	-9.56	-773.42	-58.90	0.00	0.00	0.00	
46	48	94	-1.3-13.1	-777.07	-2.87	0.00	-9.15	-789.09	-66.50	0.00	0.00	0.00	
46	49	95	-1.7-12.7	-789.95	-3.48	1.31	-8.76	-800.88	-70.22	0.00	0.00	0.00	
46	50	96	-2.2-12.2	-802.40	-4.87	0.00	-8.39	-815.67	-76.94	-76.18	-4.11	0.76	
46	51	97	-2.7-11.8	-814.44	-3.69	1.29	-8.05	-824.89	-78.09	-77.80	-3.40	0.29	
46	52	98	-3.2-11.4	-826.08	-2.86	0.00	-7.73	-836.67	-81.80	-81.30	-2.36	0.50	
46	53	99	-3.6-11.1	-837.33	-1.55	1.28	-7.43	-845.03	-82.08	-82.19	-1.66	-0.11	
46	54	100	-4.1-10.7	-848.20	-0.81	0.00	-7.15	-856.15	-85.13	-85.23	-0.91	-0.10	
46	55	101	-4.6-10.3	-858.69	-0.06	1.26	-6.88	-864.37	-85.28	-85.43	-0.21	-0.15	
46	56	102	-5.0-10.0	-868.83	0.63	0.00	-6.62	-874.82	-87.66	-87.93	0.36	-0.27	
46	57	103	-5.5	-9.6	-878.62	1.29	1.25	-6.39	-882.47	-87.23	-87.48	1.04	-0.25
46	58	104	-5.9	-9.3	-888.06	1.83	0.00	-6.16	-892.39	-89.09	-89.39	1.53	-0.30
46	59	105	-6.3	-9.0	-897.18	2.39	1.23	-5.95	-899.50	-88.13	-88.42	2.10	-0.29
46	60	106	-6.8	-8.6	-905.97	2.80	0.00	-5.74	-908.91	-89.47	-89.91	2.36	-0.44
46	61	107	-7.2	-8.3	-914.45	3.08	1.22	-5.55	-915.70	-88.18	-88.37	2.89	-0.19
46	62	108	-7.6	-8.0	-922.63	3.34	0.00	-5.37	-924.65	-89.06	-89.52	2.88	-0.46
46	63	109	-8.0	-7.7	-930.50	3.36	1.21	-5.19	-931.13	-87.47	-87.61	3.22	-0.14
46	64	110	-8.4	-7.4	-938.09	3.42	0.00	-5.03	-939.70	-87.97	-88.35	3.04	-0.38
46	65	111	-8.9	-7.2	-945.39	3.78	1.19	-4.87	-945.29	-85.49	-86.03	3.24	-0.54
46	66	112	-9.3	-6.9	-952.43	3.48	0.00	-4.72	-953.67	-85.80	-86.33	2.95	-0.53
46	67	113	-9.6	-6.6	-959.19	3.23	1.18	-4.58	-959.36	-83.41	-83.68	2.96	-0.27
46	68	114-10.0	-6.4	-965.70	2.91	0.00	-4.45	-967.23	-83.21	-83.46	2.66	-0.25	

46	69	115-10.4	-6.1	-971.95	2.68	1.17	-4.32	-972.41	-80.32	0.00	0.00	0.00	
46	70	116-10.8	-5.9	-977.95	2.34	0.00	-4.19	-979.81	-79.65	-80.14	1.85	-0.49	
46	71	117-11.2	-5.6	-983.72	2.17	1.16	-4.08	-984.46	-76.23	0.00	0.00	0.00	
46	72	118-11.6	-5.4	-989.25	1.85	0.00	-3.96	-991.36	-75.06	-75.64	1.27	-0.58	
46	73	119-11.9	-5.2	-994.55	1.36	1.15	-3.86	-995.90	-71.52	0.00	0.00	0.00	
46	74	120-12.3	-5.0	-999.63	0.78	0.00	-3.75	-1002.60	-70.16	0.00	0.00	0.00	
46	75	121-12.6	-4.8	-1004.50	0.04	1.14	-3.65	-1006.97	-66.45	0.00	0.00	0.00	
46	76	122-13.0	-4.5	-1009.15	-0.58	0.00	-3.56	-1013.29	-64.70	0.00	0.00	0.00	
46	77	123-13.3	-4.3	-1013.60	-1.46	1.13	-3.47	-1017.40	-60.74	0.00	0.00	0.00	
46	78	124-13.7	-4.1	-1017.85	-2.46	0.00	-3.38	-1023.69	-58.96	0.00	0.00	0.00	
46	79	125-14.0	-4.0	-1021.90	-3.84	1.12	-3.30	-1027.92	-55.12	0.00	0.00	0.00	
46	80	126-14.3	-3.8	-1025.76	-5.26	0.00	-3.22	-1034.24	-53.37	0.00	0.00	0.00	
46	81	127-14.7	-3.6	-1029.44	-6.98	1.11	-3.14	-1038.46	-49.51	0.00	0.00	0.00	
46	82	128-15.0	-3.4	-1032.94	-7.97	0.00	-3.07	-1043.98	-46.96	0.00	0.00	0.00	
46	83	129-15.3	-3.2	-1036.26	-7.36	1.10	-3.00	-1045.52	-40.43	0.00	0.00	0.00	
46	84	130-15.6	-3.1	-1039.41	-6.32	0.00	-2.93	-1048.66	-35.50	0.00	0.00	0.00	
46	85	131-15.9	-2.9	-1042.39	-5.39	1.09	-2.86	-1049.55	-28.32	0.00	0.00	0.00	
46	86	132-16.2	-2.7	-1045.21	-4.21	0.00	-2.80	-1052.22	-22.92	0.00	0.00	0.00	
46	87	133-16.5	-2.6	-1047.87	-2.42	1.08	-2.74	-1051.94	-14.57	0.00	0.00	0.00	
46	88	134-16.8	-2.4	-1050.37	-1.18	0.00	-2.68	-1054.23	-8.79	0.00	0.00	0.00	
46	89	135-17.1	-2.3	-1052.72	-0.31	1.08	-2.62	-1054.58	-1.07	0.00	0.00	0.00	
46	90	136-17.4	-2.1	-1054.93	0.38	0.00	-2.57	-1057.12	4.47	0.00	0.00	0.00	
46	91	137-17.7	-2.0	-1056.99	0.89	1.07	-2.52	-1057.55	12.11	0.00	0.00	0.00	
46	92	138-18.0	-1.8	-1058.91	1.23	0.00	-2.47	-1060.15	17.58	0.00	0.00	0.00	
46	93	139-18.3	-1.7	-1060.70	1.25	1.06	-2.42	-1060.81	25.00	0.00	0.00	0.00	
46	94	140-18.5	-1.6	-1062.35	1.53	0.00	-2.37	-1063.19	30.69	0.00	0.00	0.00	
46	95	141-18.8	-1.5	-1063.87	1.60	1.05	-2.32	-1063.54	38.40	0.00	0.00	0.00	
46	96	142-19.0	-1.3	-1065.27	1.81	0.00	-2.28	-1065.74	44.28	0.00	0.00	0.00	
46	97	143-19.3	-1.2	-1066.54	1.74	1.04	-2.24	-1065.99	52.10	0.00	0.00	0.00	
46	98	144-19.6	-1.1	-1067.69	1.93	0.00	-2.19	-1067.96	58.20	0.00	0.00	0.00	
46	99	145-19.8	-1.0	-1068.73	1.66	1.04	-2.15	-1068.19	66.05	0.00	0.00	0.00	
46	100	146-20.0	-0.9	-1069.65	1.74	0.00	-2.12	-1070.03	72.28	0.00	0.00	0.00	
46	101	147-20.3	-0.8	-1070.47	1.47	1.03	-2.08	-1070.04	80.33	0.00	0.00	0.00	
46	102	148-20.5	-0.6	-1071.17	1.47	0.00	-2.04	-1071.74	86.71	0.00	0.00	0.00	
46	103	149-20.7	-0.5	-1071.77	1.35	1.02	-2.01	-1071.40	95.12	0.00	0.00	0.00	
46	104	150-21.0	-0.4	-1072.27	1.74	0.00	-1.97	-1072.50	102.09	0.00	0.00	0.00	
46	105	151-21.2	-0.3	-1072.67	1.70	1.02	-1.94	-1071.89	110.77	0.00	0.00	0.00	
46	106	152-21.4	-0.3	-1072.97	1.94	0.00	-1.91	-1072.94	117.79	0.00	0.00	0.00	
46	107	153-21.6	-0.2	-1073.19	1.66	1.01	-1.87	-1072.39	126.41	0.00	0.00	0.00	
46	108	154-21.8	-0.1	-1073.31	1.59	0.00	-1.84	-1073.56	133.31	0.00	0.00	0.00	
46	109	155	0.0	0.0	0.00	1.12	1.00	-1.81	0.00	0.00	0.00	0.00	
46	110	156	0.0	0.0	0.00	0.90	0.00	-1.79	0.00	0.00	0.00	0.00	
47	41	88	2.8	-16.9	-671.52	2.03	2.39	-7.51	-674.61	-1.24	0.00	0.00	0.00
47	42	89	2.4	-16.4	-688.20	1.12	1.33	-7.90	-693.65	-12.21	0.00	0.00	0.00
47	43	90	1.9	-15.9	-704.38	0.91	2.37	-8.30	-709.39	-19.88	0.00	0.00	0.00
47	44	91	1.4	-15.4	-720.05	-0.17	1.33	-8.71	-727.59	-30.01	0.00	0.00	0.00
47	45	92	0.9	-14.9	-735.23	-0.57	2.36	-9.13	-742.58	-36.92	0.00	0.00	0.00
47	46	93	0.4	-14.5	-749.95	-1.78	1.33	-9.56	-759.95	-46.23	0.00	0.00	0.00
47	47	94	-0.1	-14.0	-764.20	-2.52	2.66	-10.00	-774.06	-52.26	0.00	0.00	0.00
47	48	95	-0.6	-13.6	-777.99	-3.82	1.33	-9.57	-790.05	-60.18	0.00	0.00	0.00
47	49	96	-1.1	-13.1	-791.35	-4.55	2.33	-9.16	-802.74	-64.79	0.00	0.00	0.00
47	50	97	-1.5	-12.7	-804.28	-5.67	1.33	-8.78	-817.40	-71.39	0.00	0.00	0.00
47	51	98	-2.0	-12.3	-816.80	-4.81	2.31	-8.42	-827.72	-73.63	0.00	0.00	0.00
47	52	99	-2.5	-11.9	-828.90	-3.84	1.33	-8.09	-839.50	-77.35	-76.76	-3.25	0.59
47	53	100	-2.9	-11.5	-840.62	-2.72	2.30	-7.77	-848.81	-78.58	-78.18	-2.32	0.40
47	54	101	-3.4	-11.1	-851.95	-1.82	1.33	-7.47	-859.91	-81.61	-81.19	-1.40	0.42
47	55	102	-3.9	-10.8	-862.90	-1.12	2.29	-7.19	-868.92	-82.55	-82.09	-0.66	0.46
47	56	103	-4.3	-10.4	-873.49	-0.28	1.33	-6.93	-879.37	-84.92	-84.79	-0.15	0.13
47	57	104	-4.8	-10.1	-883.72	0.50	2.28	-6.68	-887.62	-85.11	-85.11	0.50	0.00
47	58	105	-5.2	-9.7	-893.61	1.07	1.33	-6.44	-897.65	-87.06	-87.08	1.05	-0.02
47	59	106	-5.6	-9.4	-903.16	1.68	2.27	-6.22	-905.43	-86.77	-86.94	1.51	-0.17
47	60	107	-6.1	-9.1	-912.38	2.20	1.33	-6.00	-914.86	-88.13	-88.41	1.92	-0.28
47	61	108	-6.5	-8.8	-921.29	2.63	2.26	-5.80	-922.20	-87.40	-87.61	2.42	-0.21
47	62	109	-6.9	-8.4	-929.89	2.91	1.33	-5.61	-931.26	-88.38	-88.72	2.57	-0.34
47	63	110	-7.3	-8.1	-938.18	3.12	2.25	-5.43	-938.24	-87.30	-87.46	2.96	-0.16
47	64	111	-7.7	-7.9	-946.18	3.18	1.33	-5.26	-946.92	-87.91	-88.22	2.87	-0.31

47	65	112	-8.1	-7.6	-953.89	3.40	2.24	-5.09	-953.34	-86.25	-86.62	3.03	-0.37
47	66	113	-8.5	-7.3	-961.32	3.15	1.33	-4.94	-961.78	-86.62	-87.04	2.73	-0.42
47	67	114	-8.9	-7.0	-968.48	2.89	2.23	-4.79	-968.15	-84.92	-84.96	2.85	-0.04
47	68	115	-9.3	-6.8	-975.38	2.57	1.33	-4.64	-976.12	-84.82	-84.95	2.44	-0.13
47	69	116	-9.7	-6.5	-982.02	2.38	2.22	-4.51	-981.92	-82.55	-82.76	2.17	-0.21
47	70	117	-10.1	-6.3	-988.40	2.03	1.33	-4.38	-989.42	-81.98	-82.25	1.76	-0.27
47	71	118	-10.5	-6.0	-994.54	1.92	2.21	-4.26	-994.66	-79.15	-79.64	1.43	-0.49
47	72	119	-10.8	-5.8	-1000.44	1.44	1.33	-4.14	-1001.81	-78.23	-78.59	1.08	-0.36
47	73	120	-11.2	-5.6	-1006.11	1.18	2.21	-4.03	-1006.75	-75.10	-75.77	0.51	-0.67
47	74	121	-11.6	-5.3	-1011.56	0.59	1.33	-3.92	-1013.55	-73.83	-74.55	-0.13	-0.72
47	75	122	-11.9	-5.1	-1016.78	-0.05	2.20	-3.81	-1018.44	-70.64	0.00	0.00	0.00
47	76	123	-12.3	-4.9	-1021.78	-1.23	1.33	-3.71	-1025.40	-69.53	0.00	0.00	0.00
47	77	124	-12.6	-4.7	-1026.58	-2.15	2.19	-3.62	-1030.16	-66.22	0.00	0.00	0.00
47	78	125	-13.0	-4.5	-1031.17	-3.45	1.33	-3.53	-1036.82	-64.81	0.00	0.00	0.00
47	79	126	-13.3	-4.3	-1035.56	-4.71	2.19	-3.44	-1041.53	-61.44	0.00	0.00	0.00
47	80	127	-13.6	-4.1	-1039.76	-6.00	1.33	-3.36	-1047.79	-59.63	0.00	0.00	0.00
47	81	128	-14.0	-3.9	-1043.77	-7.69	2.18	-3.28	-1052.55	-56.33	0.00	0.00	0.00
47	82	129	-14.3	-3.7	-1047.59	-8.72	1.33	-3.20	-1058.18	-53.88	0.00	0.00	0.00
47	83	130	-14.6	-3.5	-1051.23	-8.06	2.17	-3.13	-1060.24	-47.87	0.00	0.00	0.00
47	84	131	-14.9	-3.4	-1054.69	-7.00	1.33	-3.05	-1063.42	-42.97	0.00	0.00	0.00
47	85	132	-15.2	-3.2	-1057.98	-6.05	2.17	-2.98	-1064.85	-36.34	0.00	0.00	0.00
47	86	133	-15.6	-3.0	-1061.11	-4.91	1.33	-2.92	-1067.61	-31.02	0.00	0.00	0.00
47	87	134	-15.9	-2.9	-1064.07	-2.94	2.16	-2.85	-1067.70	-23.05	0.00	0.00	0.00
47	88	135	-16.2	-2.7	-1066.87	-1.98	1.33	-2.79	-1070.31	-17.58	0.00	0.00	0.00
47	89	136	-16.4	-2.6	-1069.52	-0.88	2.16	-2.73	-1070.97	-10.17	0.00	0.00	0.00
47	90	137	-16.7	-2.4	-1072.01	-0.24	1.33	-2.68	-1073.60	-4.72	0.00	0.00	0.00
47	91	138	-17.0	-2.3	-1074.36	0.54	2.15	-2.62	-1074.29	2.66	0.00	0.00	0.00
47	92	139	-17.3	-2.1	-1076.56	1.01	1.33	-2.57	-1076.78	8.23	0.00	0.00	0.00
47	93	140	-17.6	-2.0	-1078.62	1.04	2.14	-2.52	-1077.95	15.14	0.00	0.00	0.00
47	94	141	-17.9	-1.9	-1080.54	1.28	1.33	-2.47	-1080.40	20.76	0.00	0.00	0.00
47	95	142	-18.1	-1.7	-1082.33	1.40	2.14	-2.42	-1081.21	28.02	0.00	0.00	0.00
47	96	143	-18.4	-1.6	-1083.99	1.64	1.33	-2.37	-1083.39	33.91	0.00	0.00	0.00
47	97	144	-18.7	-1.5	-1085.52	1.57	2.13	-2.33	-1084.14	41.23	0.00	0.00	0.00
47	98	145	-18.9	-1.3	-1086.93	1.75	1.33	-2.28	-1086.13	47.31	0.00	0.00	0.00
47	99	146	-19.2	-1.2	-1088.21	1.52	2.13	-2.24	-1086.80	54.71	0.00	0.00	0.00
47	100	147	-19.4	-1.1	-1089.38	1.57	1.33	-2.20	-1088.68	60.91	0.00	0.00	0.00
47	101	148	-19.6	-1.0	-1090.43	1.35	2.12	-2.16	-1089.12	68.54	0.00	0.00	0.00
47	102	149	-19.9	-0.9	-1091.37	1.38	1.33	-2.12	-1090.78	74.94	0.00	0.00	0.00
47	103	150	-20.1	-0.8	-1092.21	1.21	2.12	-2.08	-1090.96	82.84	0.00	0.00	0.00
47	104	151	-20.4	-0.7	-1092.93	1.50	1.33	-2.05	-1092.15	89.72	0.00	0.00	0.00
47	105	152	-20.6	-0.6	-1093.55	1.53	2.12	-2.01	-1091.92	98.02	0.00	0.00	0.00
47	106	153	-20.8	-0.5	-1094.08	1.71	1.33	-1.98	-1093.02	105.00	0.00	0.00	0.00
47	107	154	-21.0	-0.4	-1094.50	1.42	2.11	-1.95	-1092.92	113.17	0.00	0.00	0.00
47	108	155	-21.2	-0.3	-1094.83	1.30	1.33	-1.91	-1094.12	120.04	0.00	0.00	0.00
47	109	156	-21.4	-0.2	-1095.07	0.83	2.11	-1.88	-1094.02	128.21	0.00	0.00	0.00
47	110	157	-21.6	-0.1	-1095.22	0.59	1.33	-1.85	-1095.16	135.14	0.00	0.00	0.00
47	111	158	0.0	0.0	0.00	-0.14	2.10	-1.82	0.00	0.00	0.00	0.00	0.00
47	112	159	0.0	0.0	0.00	-0.48	1.33	-1.80	0.00	0.00	0.00	0.00	0.00
47	113	160	0.0	0.0	0.00	-0.91	2.10	-1.77	0.00	0.00	0.00	0.00	0.00
48	42	90	3.0	-16.9	-685.54	0.19	0.00	-7.56	-692.91	-4.19	0.00	0.00	0.00
48	43	91	2.5	-16.4	-702.21	-0.04	1.37	-7.94	-708.82	-12.02	0.00	0.00	0.00
48	44	92	2.0	-15.9	-718.37	-1.13	0.00	-8.33	-727.83	-22.96	0.00	0.00	0.00
48	45	93	1.5	-15.4	-734.04	-1.61	1.35	-8.73	-743.04	-30.10	0.00	0.00	0.00
48	46	94	1.0	-15.0	-749.24	-2.81	0.00	-9.15	-761.20	-40.19	0.00	0.00	0.00
48	47	95	0.5	-14.5	-763.97	-3.54	1.33	-9.57	-775.75	-46.67	0.00	0.00	0.00
48	48	96	0.1	-14.1	-778.25	-5.00	0.00	-10.00	-793.25	-56.10	0.00	0.00	0.00
48	49	97	-0.4	-13.6	-792.09	-5.64	1.31	-9.58	-805.99	-60.77	0.00	0.00	0.00
48	50	98	-0.9	-13.2	-805.49	-7.05	0.00	-9.18	-821.72	-68.43	0.00	0.00	0.00
48	51	99	-1.3	-12.8	-818.48	-5.83	1.29	-8.80	-831.82	-70.45	0.00	0.00	0.00
48	52	100	-1.8	-12.4	-831.05	-5.10	0.00	-8.45	-844.60	-75.16	-74.29	-4.23	0.87
48	53	101	-2.3	-12.0	-843.22	-3.67	1.28	-8.12	-853.74	-76.23	-75.66	-3.10	0.57
48	54	102	-2.7	-11.6	-855.01	-2.56	0.00	-7.81	-865.38	-79.80	0.00	0.00	0.00
48	55	103	-3.2	-11.2	-866.42	-1.86	1.26	-7.52	-874.53	-80.88	-80.65	-1.63	0.23
48	56	104	-3.6	-10.9	-877.45	-0.95	0.00	-7.24	-885.64	-83.92	-83.98	-1.01	-0.06
48	57	105	-4.1	-10.5	-888.13	-0.35	1.25	-6.98	-894.21	-84.41	-84.34	-0.28	0.07
48	58	106	-4.5	-10.2	-898.46	0.31	0.00	-6.73	-904.87	-87.01	-87.14	0.18	-0.13

48	59	107	-4.9	-9.8	-908.44	0.86	1.23	-6.49	-912.84	-86.90	-86.99	0.77	-0.09
48	60	108	-5.4	-9.5	-918.10	1.35	0.00	-6.27	-923.02	-89.01	-89.25	1.11	-0.24
48	61	109	-5.8	-9.2	-927.43	1.76	1.22	-6.06	-930.51	-88.43	-88.51	1.68	-0.08
48	62	110	-6.2	-8.9	-936.44	2.11	0.00	-5.86	-940.19	-90.04	-90.35	1.80	-0.31
48	63	111	-6.6	-8.6	-945.15	2.42	1.21	-5.67	-947.19	-88.97	-89.25	2.14	-0.28
48	64	112	-7.0	-8.3	-953.56	2.52	0.00	-5.49	-956.53	-90.23	-90.58	2.17	-0.35
48	65	113	-7.4	-8.0	-961.68	2.61	1.19	-5.32	-963.19	-88.82	-89.05	2.38	-0.23
48	66	114	-7.8	-7.7	-969.51	2.50	0.00	-5.15	-972.16	-89.72	-90.02	2.20	-0.30
48	67	115	-8.2	-7.4	-977.06	2.48	1.18	-5.00	-978.40	-87.89	-88.09	2.28	-0.20
48	68	116	-8.6	-7.1	-984.35	2.26	0.00	-4.85	-986.94	-88.36	-88.72	1.90	-0.36
48	69	117	-9.0	-6.9	-991.38	2.12	1.17	-4.71	-992.79	-86.14	-86.42	1.84	-0.28
48	70	118	-9.4	-6.6	-998.14	1.74	0.00	-4.57	-1000.97	-86.25	-86.71	1.28	-0.46
48	71	119	-9.8	-6.4	-1004.66	1.65	1.16	-4.44	-1006.29	-83.50	-83.94	1.21	-0.44
48	72	120	-10.1	-6.2	-1010.94	0.78	0.00	-4.32	-1014.47	-83.60	-83.97	0.41	-0.37
48	73	121	-10.5	-5.9	-1016.97	0.29	1.15	-4.20	-1019.73	-80.79	-80.95	0.13	-0.16
48	74	122	-10.9	-5.7	-1022.78	-0.49	0.00	-4.09	-1027.35	-80.34	0.00	0.00	0.00
48	75	123	-11.2	-5.5	-1028.36	-1.07	1.14	-3.98	-1032.27	-77.18	-77.31	-1.20	-0.13
48	76	124	-11.6	-5.2	-1033.72	-2.42	0.00	-3.87	-1040.01	-76.86	-76.71	-2.27	0.15
48	77	125	-11.9	-5.0	-1038.86	-3.48	1.13	-3.77	-1044.99	-73.76	-73.32	-3.04	0.44
48	78	126	-12.3	-4.8	-1043.79	-4.52	0.00	-3.68	-1051.99	-72.70	-72.33	-4.15	0.37
48	79	127	-12.6	-4.6	-1048.53	-5.74	1.12	-3.59	-1056.73	-69.37	-68.52	-4.89	0.85
48	80	128	-12.9	-4.4	-1053.06	-7.13	0.00	-3.50	-1063.69	-68.25	-67.27	-6.15	0.98
48	81	129	-13.3	-4.2	-1057.39	-8.83	1.11	-3.41	-1068.53	-65.02	0.00	0.00	0.00
48	82	130	-13.6	-4.0	-1061.54	-9.85	0.00	-3.33	-1074.72	-63.14	0.00	0.00	0.00
48	83	131	-13.9	-3.9	-1065.50	-9.15	1.10	-3.26	-1076.81	-57.15	0.00	0.00	0.00
48	84	132	-14.2	-3.7	-1069.28	-8.06	0.00	-3.18	-1080.52	-52.80	0.00	0.00	0.00
48	85	133	-14.6	-3.5	-1072.89	-7.02	1.09	-3.11	-1081.93	-46.13	0.00	0.00	0.00
48	86	134	-14.9	-3.3	-1076.32	-5.78	0.00	-3.04	-1085.14	-41.27	0.00	0.00	0.00
48	87	135	-15.2	-3.2	-1079.59	-4.78	1.08	-2.97	-1086.25	-34.32	0.00	0.00	0.00
48	88	136	-15.5	-3.0	-1082.69	-3.72	0.00	-2.91	-1089.32	-29.31	0.00	0.00	0.00
48	89	137	-15.8	-2.9	-1085.63	-2.01	1.08	-2.85	-1089.41	-21.33	0.00	0.00	0.00
48	90	138	-16.1	-2.7	-1088.41	-1.08	0.00	-2.79	-1092.28	-16.13	0.00	0.00	0.00
48	91	139	-16.4	-2.6	-1091.05	0.15	1.07	-2.73	-1092.56	-8.33	0.00	0.00	0.00
48	92	140	-16.6	-2.4	-1093.53	0.74	0.00	-2.67	-1095.46	-3.17	0.00	0.00	0.00
48	93	141	-16.9	-2.3	-1095.87	0.80	1.06	-2.62	-1096.63	3.74	0.00	0.00	0.00
48	94	142	-17.2	-2.1	-1098.07	1.05	0.00	-2.57	-1099.58	8.86	0.00	0.00	0.00
48	95	143	-17.5	-2.0	-1100.13	1.23	1.05	-2.51	-1100.36	16.15	0.00	0.00	0.00
48	96	144	-17.7	-1.9	-1102.05	1.50	0.00	-2.47	-1103.02	21.56	0.00	0.00	0.00
48	97	145	-18.0	-1.7	-1103.85	1.48	1.04	-2.42	-1103.74	28.91	0.00	0.00	0.00
48	98	146	-18.3	-1.6	-1105.51	1.68	0.00	-2.37	-1106.20	34.52	0.00	0.00	0.00
48	99	147	-18.5	-1.5	-1107.05	1.47	1.04	-2.33	-1106.87	41.92	0.00	0.00	0.00
48	100	148	-18.8	-1.4	-1108.47	1.55	0.00	-2.29	-1109.20	47.66	0.00	0.00	0.00
48	101	149	-19.0	-1.2	-1109.77	1.31	1.03	-2.24	-1109.67	55.27	0.00	0.00	0.00
48	102	150	-19.3	-1.1	-1110.95	1.43	0.00	-2.20	-1111.72	61.29	0.00	0.00	0.00
48	103	151	-19.5	-1.0	-1112.02	1.21	1.02	-2.17	-1111.95	69.13	0.00	0.00	0.00
48	104	152	-19.7	-0.9	-1112.98	1.52	0.00	-2.13	-1113.58	75.57	0.00	0.00	0.00
48	105	153	-20.0	-0.8	-1113.83	1.49	1.02	-2.09	-1113.41	83.81	0.00	0.00	0.00
48	106	154	-20.2	-0.7	-1114.57	1.73	0.00	-2.06	-1114.90	90.40	0.00	0.00	0.00
48	107	155	-20.4	-0.6	-1115.22	1.48	1.01	-2.02	-1114.75	98.62	0.00	0.00	0.00
48	108	156	-20.6	-0.5	-1115.77	1.36	0.00	-1.99	-1116.39	105.05	0.00	0.00	0.00
48	109	157	-20.8	-0.4	-1116.21	0.85	1.00	-1.96	-1116.32	113.20	0.00	0.00	0.00
48	110	158	-21.1	-0.3	-1116.57	0.65	0.00	-1.92	-1117.85	119.74	0.00	0.00	0.00
48	111	159	-21.3	-0.2	-1116.84	-0.02	1.00	-1.89	-1117.75	127.90	0.00	0.00	0.00
48	112	160	-21.5	-0.1	-1117.02	-0.29	0.00	-1.86	-1119.17	134.56	0.00	0.00	0.00
48	113	161	-21.6	0.0	-1117.11	-0.77	0.99	-1.83	-1118.72	143.07	0.00	0.00	0.00
48	114	162	0.0	0.0	0.00	-0.68	0.00	-1.81	0.00	0.00	0.00	0.00	0.00
48	115	163	0.0	0.0	0.00	-1.54	0.99	-1.78	0.00	0.00	0.00	0.00	0.00
49	43	92	3.1	-16.9	-699.43	-1.60	2.36	-7.60	-706.27	-2.20	0.00	0.00	0.00
49	44	93	2.6	-16.4	-716.07	-2.75	1.31	-7.98	-725.49	-13.34	0.00	0.00	0.00
49	45	94	2.1	-15.9	-732.23	-3.23	2.34	-8.36	-741.48	-21.26	0.00	0.00	0.00
49	46	95	1.7	-15.4	-747.90	-4.44	1.31	-8.76	-759.79	-31.50	0.00	0.00	0.00
49	47	96	1.2	-15.0	-763.11	-5.18	2.33	-9.16	-775.13	-38.77	0.00	0.00	0.00
49	48	97	0.7	-14.5	-777.87	-6.53	1.31	-9.58	-792.66	-48.23	0.00	0.00	0.00
49	49	98	0.2	-14.1	-792.17	-7.33	2.62	-10.00	-806.88	-54.38	0.00	0.00	0.00
49	50	99	-0.2	-13.7	-806.05	-8.69	1.31	-9.58	-823.01	-62.43	0.00	0.00	0.00
49	51	100	-0.7	-13.2	-819.49	-7.48	2.30	-9.19	-833.87	-65.22	0.00	0.00	0.00

49	52	101	-1.2-12.8	-832.53	-6.49	1.31	-8.83	-846.53	-69.81	0.00	0.00	0.00	
49	53	102	-1.6-12.4	-845.16	-5.25	2.29	-8.48	-856.61	-71.81	0.00	0.00	0.00	
49	54	103	-2.1-12.0	-857.40	-4.12	1.31	-8.16	-868.36	-75.50	-74.60	-3.22	0.90	
49	55	104	-2.5-11.7	-869.26	-3.15	2.28	-7.85	-877.98	-77.04	-76.08	-2.19	0.96	
49	56	105	-3.0-11.3	-880.74	-2.11	1.31	-7.56	-889.09	-80.09	-79.49	-1.51	0.60	
49	57	106	-3.4-10.9	-891.86	-1.42	2.26	-7.28	-898.30	-81.22	-80.61	-0.81	0.61	
49	58	107	-3.8-10.6	-902.62	-0.72	1.31	-7.02	-909.05	-83.90	-83.56	-0.38	0.34	
49	59	108	-4.3-10.3	-913.04	-0.13	2.25	-6.78	-917.69	-84.47	-84.11	0.23	0.36	
49	60	109	-4.7	-9.9	-923.12	0.43	1.31	-6.55	-927.92	-86.63	-86.49	0.57	0.14
49	61	110	-5.1	-9.6	-932.87	1.01	2.24	-6.32	-935.94	-86.58	-86.47	1.12	0.11
49	62	111	-5.5	-9.3	-942.31	1.34	1.31	-6.11	-945.77	-88.33	-88.39	1.28	-0.06
49	63	112	-5.9	-9.0	-951.43	1.73	2.23	-5.92	-953.38	-87.87	-88.00	1.60	-0.13
49	64	113	-6.3	-8.7	-960.25	1.83	1.31	-5.73	-962.83	-89.25	-89.37	1.71	-0.12
49	65	114	-6.7	-8.4	-968.77	2.04	2.22	-5.55	-970.05	-88.40	-88.57	1.87	-0.17
49	66	115	-7.1	-8.1	-977.00	1.97	1.31	-5.37	-979.09	-89.37	-89.54	1.80	-0.17
49	67	116	-7.5	-7.8	-984.95	2.07	2.22	-5.21	-985.88	-88.09	-88.25	1.91	-0.16
49	68	117	-7.9	-7.5	-992.63	1.73	1.31	-5.06	-994.64	-88.78	-88.94	1.57	-0.16
49	69	118	-8.3	-7.3	-1000.04	1.59	2.21	-4.91	-1001.15	-87.21	-87.23	1.57	-0.02
49	70	119	-8.7	-7.0	-1007.19	1.05	1.31	-4.77	-1009.59	-87.58	-87.73	0.90	-0.15
49	71	120	-9.1	-6.8	-1014.08	0.71	2.20	-4.63	-1015.80	-85.72	-85.73	0.70	-0.01
49	72	121	-9.4	-6.5	-1020.73	-0.02	1.31	-4.50	-1023.94	-85.79	-85.84	-0.07	-0.05
49	73	122	-9.8	-6.3	-1027.13	-0.48	2.19	-4.38	-1029.80	-83.58	-83.58	-0.48	0.00
49	74	123	-10.2	-6.0	-1033.30	-1.45	1.31	-4.26	-1037.70	-83.40	-83.43	-1.48	-0.03
49	75	124	-10.5	-5.8	-1039.24	-2.10	2.18	-4.15	-1043.30	-80.93	-80.88	-2.05	0.05
49	76	125	-10.9	-5.6	-1044.95	-3.34	1.31	-4.04	-1051.01	-80.58	-80.48	-3.24	0.10
49	77	126	-11.2	-5.4	-1050.44	-4.24	2.18	-3.93	-1056.44	-77.93	-77.81	-4.12	0.12
49	78	127	-11.6	-5.2	-1055.72	-5.68	1.31	-3.83	-1063.92	-77.35	-76.99	-5.32	0.36
49	79	128	-11.9	-5.0	-1060.79	-6.83	2.17	-3.74	-1069.19	-74.54	-74.34	-6.63	0.20
49	80	129	-12.3	-4.8	-1065.66	-8.31	1.31	-3.64	-1076.31	-73.59	-72.97	-7.69	0.62
49	81	130	-12.6	-4.6	-1070.33	-9.60	2.16	-3.56	-1081.32	-70.53	-69.88	-8.95	0.65
49	82	131	-12.9	-4.4	-1074.81	-10.59	1.31	-3.47	-1087.55	-68.69	-68.19	-10.09	0.50
49	83	132	-13.2	-4.2	-1079.09	-9.97	2.16	-3.39	-1090.29	-63.36	-63.01	-9.62	0.35
49	84	133	-13.6	-4.0	-1083.19	-8.92	1.31	-3.31	-1094.11	-59.10	0.00	0.00	0.00
49	85	134	-13.9	-3.8	-1087.11	-7.74	2.15	-3.24	-1095.93	-52.86	0.00	0.00	0.00
49	86	135	-14.2	-3.7	-1090.85	-6.55	1.31	-3.16	-1099.25	-48.11	0.00	0.00	0.00
49	87	136	-14.5	-3.5	-1094.42	-5.45	2.15	-3.09	-1100.82	-41.60	0.00	0.00	0.00
49	88	137	-14.8	-3.3	-1097.83	-4.32	1.31	-3.03	-1103.86	-36.57	0.00	0.00	0.00
49	89	138	-15.1	-3.2	-1101.07	-2.73	2.14	-2.96	-1104.62	-29.25	0.00	0.00	0.00
49	90	139	-15.4	-3.0	-1104.15	-2.00	1.31	-2.90	-1107.73	-24.30	0.00	0.00	0.00
49	91	140	-15.7	-2.8	-1107.07	-1.03	2.13	-2.84	-1108.80	-17.30	0.00	0.00	0.00
49	92	141	-16.0	-2.7	-1109.84	0.35	1.31	-2.78	-1110.96	-11.38	0.00	0.00	0.00
49	93	142	-16.3	-2.5	-1112.46	0.49	2.13	-2.72	-1112.56	-4.91	0.00	0.00	0.00
49	94	143	-16.5	-2.4	-1114.93	0.86	1.31	-2.67	-1115.43	0.29	0.00	0.00	0.00
49	95	144	-16.8	-2.3	-1117.27	1.11	2.12	-2.61	-1116.65	7.14	0.00	0.00	0.00
49	96	145	-17.1	-2.1	-1119.46	1.33	1.31	-2.56	-1119.38	12.48	0.00	0.00	0.00
49	97	146	-17.3	-2.0	-1121.52	1.35	2.12	-2.51	-1120.57	19.37	0.00	0.00	0.00
49	98	147	-17.6	-1.9	-1123.45	1.59	1.31	-2.47	-1123.01	24.99	0.00	0.00	0.00
49	99	148	-17.9	-1.7	-1125.25	1.39	2.11	-2.42	-1124.16	31.92	0.00	0.00	0.00
49	100	149	-18.1	-1.6	-1126.92	1.50	1.31	-2.38	-1126.48	37.67	0.00	0.00	0.00
49	101	150	-18.4	-1.5	-1128.46	1.26	2.11	-2.33	-1127.43	44.79	0.00	0.00	0.00
49	102	151	-18.6	-1.4	-1129.89	1.39	1.31	-2.29	-1129.48	50.81	0.00	0.00	0.00
49	103	152	-18.9	-1.3	-1131.20	1.26	2.10	-2.25	-1130.09	58.27	0.00	0.00	0.00
49	104	153	-19.1	-1.1	-1132.40	1.53	1.31	-2.21	-1131.77	64.67	0.00	0.00	0.00
49	105	154	-19.3	-1.0	-1133.49	1.38	2.10	-2.17	-1132.18	72.33	0.00	0.00	0.00
49	106	155	-19.6	-0.9	-1134.46	1.46	1.31	-2.13	-1133.82	78.75	0.00	0.00	0.00
49	107	156	-19.8	-0.8	-1135.33	1.24	2.10	-2.10	-1134.09	86.55	0.00	0.00	0.00
49	108	157	-20.0	-0.7	-1136.10	1.20	1.31	-2.06	-1135.65	93.07	0.00	0.00	0.00
49	109	158	-20.3	-0.6	-1136.77	0.77	2.09	-2.03	-1135.93	100.86	0.00	0.00	0.00
49	110	159	-20.5	-0.5	-1137.33	0.53	1.31	-2.00	-1137.49	107.37	0.00	0.00	0.00
49	111	160	-20.7	-0.4	-1137.81	0.18	2.09	-1.96	-1137.51	115.43	0.00	0.00	0.00
49	112	161	-20.9	-0.3	-1138.19	0.09	1.31	-1.93	-1138.72	122.28	0.00	0.00	0.00
49	113	162	-21.1	-0.2	-1138.48	-0.39	2.08	-1.90	-1138.69	130.39	0.00	0.00	0.00
49	114	163	-21.3	-0.2	-1138.68	-0.86	1.31	-1.87	-1140.11	137.04	0.00	0.00	0.00
49	115	164	-21.5	-0.1	-1138.81	-1.67	2.08	-1.84	-1140.24	144.98	0.00	0.00	0.00
49	116	165	0.0	0.0	0.00	-2.00	1.31	-1.82	0.00	0.00	0.00	0.00	0.00
49	117	166	0.0	0.0	0.00	-2.88	2.07	-1.79	0.00	0.00	0.00	0.00	0.00

50	44	94	3.2-16.9	-713.17	-4.15	0.00	-7.65	-724.97	-5.54	0.00	0.00	0.00
50	45	95	2.7-16.4	-729.80	-4.62	1.35	-8.02	-741.09	-13.59	0.00	0.00	0.00
50	46	96	2.3-15.9	-745.95	-5.86	0.00	-8.39	-760.20	-24.63	0.00	0.00	0.00
50	47	97	1.8-15.4	-761.63	-6.61	1.33	-8.78	-775.69	-32.05	0.00	0.00	0.00
50	48	98	1.3-15.0	-776.85	-8.04	0.00	-9.18	-794.07	-42.35	0.00	0.00	0.00
50	49	99	0.9-14.6	-791.62	-8.63	1.31	-9.58	-808.53	-48.74	0.00	0.00	0.00
50	50	100	0.4-14.1	-805.96	-10.02	0.00	-10.00	-825.98	-58.12	0.00	0.00	0.00
50	51	101	-0.1-13.7	-819.87	-9.02	1.29	-9.59	-837.19	-61.26	0.00	0.00	0.00
50	52	102	-0.5-13.3	-833.36	-8.09	0.00	-9.21	-850.66	-66.66	0.00	0.00	0.00
50	53	103	-1.0-12.9	-846.44	-6.67	1.28	-8.85	-860.68	-68.61	0.00	0.00	0.00
50	54	104	-1.4-12.5	-859.13	-5.49	0.00	-8.51	-873.13	-72.99	-71.53	-4.03	1.46
50	55	105	-1.9-12.1	-871.43	-4.36	1.26	-8.19	-882.72	-74.50	-73.18	-3.04	1.32
50	56	106	-2.3-11.7	-883.36	-3.34	0.00	-7.88	-894.58	-78.30	-77.42	-2.46	0.88
50	57	107	-2.7-11.4	-894.91	-2.25	1.25	-7.60	-903.51	-79.16	0.00	0.00	0.00
50	58	108	-3.2-11.0	-906.11	-1.50	0.00	-7.33	-914.94	-82.51	-81.99	-0.98	0.52
50	59	109	-3.6-10.7	-916.96	-0.73	1.23	-7.07	-923.53	-83.02	-82.63	-0.34	0.39
50	60	110	-4.0-10.3	-927.47	-0.41	0.00	-6.83	-934.70	-86.13	-85.83	-0.11	0.30
50	61	111	-4.4-10.0	-937.64	0.13	1.22	-6.60	-942.89	-86.24	-85.94	0.43	0.30
50	62	112	-4.8-9.7	-947.49	0.37	0.00	-6.38	-953.50	-88.78	-88.66	0.49	0.12
50	63	113	-5.3-9.4	-957.02	0.89	1.21	-6.17	-961.10	-88.31	-88.33	0.87	-0.02
50	64	114	-5.7-9.1	-966.25	0.81	0.00	-5.97	-971.41	-90.55	-90.56	0.80	-0.01
50	65	115	-6.1-8.8	-975.17	1.03	1.19	-5.78	-978.73	-89.80	-90.03	0.80	-0.23
50	66	116	-6.5-8.5	-983.81	0.94	0.00	-5.60	-988.47	-91.47	-91.53	0.88	-0.06
50	67	117	-6.9-8.2	-992.15	0.96	1.18	-5.43	-995.44	-90.37	-90.40	0.93	-0.03
50	68	118	-7.2-7.9	-1000.22	0.75	0.00	-5.27	-1004.74	-91.59	-91.65	0.69	-0.06
50	69	119	-7.6-7.7	-1008.01	0.70	1.17	-5.11	-1011.26	-90.04	-90.07	0.67	-0.03
50	70	120	-8.0-7.4	-1015.54	0.19	0.00	-4.97	-1020.32	-91.03	-91.10	0.12	-0.07
50	71	121	-8.4-7.1	-1022.81	-0.28	1.16	-4.82	-1026.76	-89.40	-89.20	-0.08	0.20
50	72	122	-8.8-6.9	-1029.83	-0.99	0.00	-4.69	-1035.51	-90.08	-89.94	-0.85	0.14
50	73	123	-9.1-6.6	-1036.60	-1.53	1.15	-4.56	-1041.54	-88.04	-87.82	-1.31	0.22
50	74	124	-9.5-6.4	-1043.13	-2.51	0.00	-4.44	-1050.08	-88.51	-88.24	-2.24	0.27
50	75	125	-9.9-6.2	-1049.43	-3.23	1.14	-4.32	-1055.84	-86.20	-85.90	-2.93	0.30
50	76	126	-10.2-6.0	-1055.50	-4.36	0.00	-4.20	-1064.06	-86.35	-86.02	-4.03	0.33
50	77	127	-10.6-5.7	-1061.34	-5.30	1.13	-4.09	-1069.61	-83.82	-83.51	-4.99	0.31
50	78	128	-10.9-5.5	-1066.97	-6.58	0.00	-3.99	-1077.54	-83.68	-83.33	-6.23	0.35
50	79	129	-11.2-5.3	-1072.38	-7.67	1.12	-3.89	-1082.82	-80.89	-80.62	-7.40	0.27
50	80	130	-11.6-5.1	-1077.59	-9.14	0.00	-3.79	-1090.52	-80.52	-80.13	-8.75	0.39
50	81	131	-11.9-4.9	-1082.59	-10.43	1.11	-3.70	-1095.61	-77.54	-77.38	-10.27	0.16
50	82	132	-12.2-4.7	-1087.39	-11.55	0.00	-3.61	-1102.55	-76.41	-76.61	-11.75	-0.20
50	83	133	-12.6-4.5	-1092.00	-10.80	1.10	-3.53	-1105.23	-71.01	-71.19	-10.98	-0.18
50	84	134	-12.9-4.3	-1096.42	-9.67	0.00	-3.44	-1109.54	-67.25	0.00	0.00	0.00
50	85	135	-13.2-4.1	-1100.66	-8.51	1.09	-3.37	-1111.44	-61.08	0.00	0.00	0.00
50	86	136	-13.5-4.0	-1104.71	-7.23	0.00	-3.29	-1115.23	-56.80	0.00	0.00	0.00
50	87	137	-13.8-3.8	-1108.59	-6.18	1.08	-3.22	-1116.90	-50.40	0.00	0.00	0.00
50	88	138	-14.1-3.6	-1112.30	-5.08	0.00	-3.15	-1120.52	-45.95	0.00	0.00	0.00
50	89	139	-14.4-3.5	-1115.84	-4.06	1.08	-3.08	-1121.90	-39.26	0.00	0.00	0.00
50	90	140	-14.7-3.3	-1119.21	-3.12	0.00	-3.01	-1125.34	-34.63	0.00	0.00	0.00
50	91	141	-15.0-3.1	-1122.43	-1.76	1.07	-2.95	-1126.07	-27.28	0.00	0.00	0.00
50	92	142	-15.3-3.0	-1125.49	-1.01	0.00	-2.89	-1129.38	-22.52	0.00	0.00	0.00
50	93	143	-15.6-2.8	-1128.39	0.24	1.06	-2.83	-1129.92	-14.99	0.00	0.00	0.00
50	94	144	-15.9-2.7	-1131.15	0.54	0.00	-2.77	-1133.38	-10.38	0.00	0.00	0.00
50	95	145	-16.2-2.5	-1133.76	0.81	1.05	-2.72	-1134.61	-3.54	0.00	0.00	0.00
50	96	146	-16.4-2.4	-1136.22	1.14	0.00	-2.66	-1137.74	1.40	0.00	0.00	0.00
50	97	147	-16.7-2.3	-1138.55	1.19	1.04	-2.61	-1138.93	8.29	0.00	0.00	0.00
50	98	148	-17.0-2.1	-1140.74	1.53	0.00	-2.56	-1141.77	13.52	0.00	0.00	0.00
50	99	149	-17.2-2.0	-1142.80	1.34	1.04	-2.51	-1142.93	20.42	0.00	0.00	0.00
50	100	150	-17.5-1.9	-1144.73	1.48	0.00	-2.47	-1145.71	25.72	0.00	0.00	0.00
50	101	151	-17.7-1.7	-1146.53	1.28	1.03	-2.42	-1146.64	32.86	0.00	0.00	0.00
50	102	152	-18.0-1.6	-1148.21	1.42	0.00	-2.38	-1149.16	38.41	0.00	0.00	0.00
50	103	153	-18.2-1.5	-1149.76	1.27	1.02	-2.33	-1149.80	45.84	0.00	0.00	0.00
50	104	154	-18.5-1.4	-1151.20	1.58	0.00	-2.29	-1151.92	51.80	0.00	0.00	0.00
50	105	155	-18.7-1.3	-1152.52	1.50	1.02	-2.25	-1152.26	59.53	0.00	0.00	0.00
50	106	156	-19.0-1.2	-1153.74	1.63	0.00	-2.21	-1154.32	65.54	0.00	0.00	0.00
50	107	157	-19.2-1.0	-1154.84	1.44	1.01	-2.18	-1154.56	73.37	0.00	0.00	0.00
50	108	158	-19.4-0.9	-1155.83	1.58	0.00	-2.14	-1156.39	79.61	0.00	0.00	0.00
50	109	159	-19.7-0.8	-1156.72	1.11	1.00	-2.10	-1156.71	87.37	0.00	0.00	0.00

50	110	160-19.9	-0.7-1157.51	0.91	0.00	-2.07-1158.67	93.48	0.00	0.00	0.00
50	111	161-20.1	-0.6-1158.19	0.63	1.00	-2.04-1158.60	101.61	0.00	0.00	0.00
50	112	162-20.3	-0.5-1158.78	0.32	0.00	-2.00-1160.47	107.82	0.00	0.00	0.00
50	113	163-20.5	-0.4-1159.28	-0.24	0.99	-1.97-1160.50	115.86	0.00	0.00	0.00
50	114	164-20.7	-0.4-1159.69	-0.57	0.00	-1.94-1162.20	122.23	0.00	0.00	0.00
50	115	165-20.9	-0.3-1160.00	-1.30	0.99	-1.91-1162.23	130.27	0.00	0.00	0.00
50	116	166-21.1	-0.2-1160.23	-1.87	0.00	-1.88-1163.99	136.59	0.00	0.00	0.00
50	117	167-21.3	-0.1-1160.38	-2.76	0.98	-1.85-1164.01	144.63	0.00	0.00	0.00
50	118	168	0.0 0.0 0.00	-3.27	0.00	-1.83 0.00 0.00	0.00	0.00	0.00	0.00
50	119	169	0.0 0.0 0.00	-4.25	0.98	-1.80 0.00 0.00	0.00	0.00	0.00	0.00
51	46	97	2.9-16.4 -743.39	-4.11	1.29	-8.05 -754.26	-11.41	0.00	0.00	0.00
51	47	98	2.4-15.9 -759.54	-4.82	2.31	-8.42 -770.47	-19.54	0.00	0.00	0.00
51	48	99	1.9-15.5 -775.22	-6.10	1.29	-8.80 -788.83	-29.83	0.00	0.00	0.00
51	49	100	1.5-15.0 -790.45	-6.83	2.30	-9.19 -804.18	-37.11	0.00	0.00	0.00
51	50	101	1.0-14.6 -805.24	-8.22	1.29	-9.59 -821.76	-46.62	0.00	0.00	0.00
51	51	102	0.6-14.1 -819.61	-7.10	2.58	-10.00 -834.13	-50.92	0.00	0.00	0.00
51	52	103	0.1-13.7 -833.55	-6.18	1.29	-9.60 -848.04	-56.76	0.00	0.00	0.00
51	53	104	-0.3-13.3 -847.09	-4.94	2.27	-9.22 -858.98	-59.62	0.00	0.00	0.00
51	54	105	-0.8-12.9 -860.22	-3.83	1.29	-8.87 -871.62	-64.20	0.00	0.00	0.00
51	55	106	-1.2-12.6 -872.96	-2.88	2.26	-8.53 -882.12	-66.62	0.00	0.00	0.00
51	56	107	-1.6-12.2 -885.33	-1.94	1.29	-8.22 -894.19	-70.62	0.00	0.00	0.00
51	57	108	-2.1-11.8 -897.32	-1.11	2.25	-7.92 -904.10	-72.46	0.00	0.00	0.00
51	58	109	-2.5-11.4 -908.95	-0.42	1.29	-7.64 -915.71	-76.00	-76.25	-0.67	-0.25
51	59	110	-2.9-11.1 -920.22	0.17	2.24	-7.37 -925.18	-77.40	0.00	0.00	0.00
51	60	111	-3.4-10.8 -931.15	0.73	1.29	-7.11 -936.24	-80.39	0.00	0.00	0.00
51	61	112	-3.8-10.4 -941.74	1.23	2.23	-6.87 -945.16	-81.23	-81.60	0.86	-0.37
51	62	113	-4.2-10.1 -952.01	1.54	1.29	-6.64 -955.82	-83.82	-84.42	0.94	-0.60
51	63	114	-4.6 -9.8 -961.95	1.85	2.22	-6.43 -964.31	-84.24	-84.68	1.41	-0.44
51	64	115	-5.0 -9.5 -971.58	1.83	1.29	-6.22 -974.68	-86.54	-87.00	1.37	-0.46
51	65	116	-5.4 -9.2 -980.91	1.92	2.21	-6.02 -982.80	-86.59	-86.82	1.69	-0.23
51	66	117	-5.8 -8.9 -989.94	1.70	1.29	-5.84 -992.78	-88.50	-88.64	1.56	-0.14
51	67	118	-6.2 -8.6 -998.68	1.65	2.20	-5.66-1000.48	-88.13	-88.00	1.78	0.13
51	68	119	-6.6 -8.3-1007.13	1.36	1.29	-5.49-1009.97	-89.54	-89.47	1.43	0.07
51	69	120	-7.0 -8.0-1015.31	1.22	2.19	-5.33-1017.23	-88.73	-88.42	1.53	0.31
51	70	121	-7.3 -7.8-1023.22	0.76	1.29	-5.17-1026.34	-89.77	-89.59	0.94	0.18
51	71	122	-7.7 -7.5-1030.87	0.52	2.19	-5.02-1033.19	-88.55	-88.32	0.75	0.23
51	72	123	-8.1 -7.3-1038.26	-0.16	1.29	-4.88-1042.01	-89.30	-89.22	-0.08	0.08
51	73	124	-8.5 -7.0-1045.40	-0.61	2.18	-4.75-1048.58	-87.80	-87.62	-0.43	0.18
51	74	125	-8.8 -6.8-1052.29	-1.57	1.29	-4.62-1057.19	-88.33	-88.26	-1.50	0.07
51	75	126	-9.2 -6.5-1058.95	-2.15	2.17	-4.49-1063.42	-86.50	-86.40	-2.05	0.10
51	76	127	-9.5 -6.3-1065.37	-3.43	1.29	-4.37-1071.88	-86.88	-86.71	-3.26	0.17
51	77	128	-9.9 -6.1-1071.56	-4.27	2.16	-4.26-1077.93	-84.86	-84.61	-4.02	0.25
51	78	129	-10.2 -5.9-1077.54	-5.87	1.29	-4.15-1086.26	-85.12	-84.62	-5.37	0.50
51	79	130	-10.6 -5.6-1083.29	-6.86	2.16	-4.05-1092.04	-82.83	-82.33	-6.36	0.50
51	80	131	-10.9 -5.4-1088.83	-8.43	1.29	-3.95-1099.92	-82.63	-82.02	-7.82	0.61
51	81	132	-11.2 -5.2-1094.17	-9.60	2.15	-3.85-1105.47	-80.12	-79.81	-9.29	0.31
51	82	133	-11.6 -5.0-1099.30	-10.64	1.29	-3.76-1112.40	-78.98	-79.02	-10.68	-0.04
51	83	134	-11.9 -4.8-1104.24	-10.04	2.14	-3.67-1115.80	-74.31	-74.03	-9.76	0.28
51	84	135	-12.2 -4.6-1108.98	-8.78	1.29	-3.58-1120.05	-70.48	-69.74	-8.04	0.74
51	85	136	-12.5 -4.5-1113.53	-7.72	2.14	-3.50-1122.62	-64.98	0.00	0.00	0.00
51	86	137	-12.9 -4.3-1117.90	-6.47	1.29	-3.42-1126.50	-60.79	0.00	0.00	0.00
51	87	138	-13.2 -4.1-1122.09	-4.71	2.13	-3.34-1128.01	-54.23	0.00	0.00	0.00
51	88	139	-13.5 -3.9-1126.10	-3.84	1.29	-3.27-1131.92	-50.06	0.00	0.00	0.00
51	89	140	-13.8 -3.8-1129.95	-2.89	2.12	-3.20-1133.91	-43.98	0.00	0.00	0.00
51	90	141	-14.1 -3.6-1133.62	-2.12	1.29	-3.13-1137.57	-39.58	0.00	0.00	0.00
51	91	142	-14.4 -3.4-1137.13	-0.77	2.12	-3.06-1138.84	-32.77	0.00	0.00	0.00
51	92	143	-14.7 -3.3-1140.48	-0.32	1.29	-3.00-1142.50	-28.36	0.00	0.00	0.00
51	93	144	-14.9 -3.1-1143.67	0.04	2.11	-2.94-1144.45	-22.24	0.00	0.00	0.00
51	94	145	-15.2 -3.0-1146.71	0.38	1.29	-2.88-1147.91	-17.63	0.00	0.00	0.00
51	95	146	-15.5 -2.8-1149.59	0.50	2.11	-2.82-1149.81	-11.45	0.00	0.00	0.00
51	96	147	-15.8 -2.7-1152.34	0.78	1.29	-2.76-1153.03	-6.60	0.00	0.00	0.00
51	97	148	-16.1 -2.5-1154.93	0.91	2.10	-2.71-1154.63	-0.13	0.00	0.00	0.00
51	98	149	-16.3 -2.4-1157.39	1.16	1.29	-2.66-1157.60	4.97	0.00	0.00	0.00
51	99	150	-16.6 -2.3-1159.72	1.09	2.10	-2.61-1159.14	11.50	0.00	0.00	0.00
51	100	151	-16.9 -2.1-1161.90	1.28	1.29	-2.56-1161.89	16.82	0.00	0.00	0.00
51	101	152	-17.1 -2.0-1163.96	1.11	2.09	-2.51-1163.27	23.51	0.00	0.00	0.00

51	102	153-17.4	-1.9-1165.89	1.28	1.29	-2.47-1165.78	29.07	0.00	0.00	0.00
51	103	154-17.6	-1.7-1167.70	1.12	2.09	-2.42-1166.91	36.01	0.00	0.00	0.00
51	104	155-17.9	-1.6-1169.38	1.42	1.29	-2.38-1169.05	41.95	0.00	0.00	0.00
51	105	156-18.1	-1.5-1170.95	1.32	2.08	-2.34-1169.88	49.19	0.00	0.00	0.00
51	106	157-18.4	-1.4-1172.40	1.50	1.29	-2.30-1171.90	55.24	0.00	0.00	0.00
51	107	158-18.6	-1.3-1173.73	1.37	2.08	-2.26-1172.54	62.67	0.00	0.00	0.00
51	108	159-18.8	-1.2-1174.95	1.52	1.29	-2.22-1174.36	68.92	0.00	0.00	0.00
51	109	160-19.0	-1.1-1176.07	1.11	2.08	-2.18-1175.07	76.29	0.00	0.00	0.00
51	110	161-19.3	-1.0-1177.08	1.09	1.29	-2.15-1176.84	82.58	0.00	0.00	0.00
51	111	162-19.5	-0.9-1177.99	0.74	2.07	-2.11-1177.29	90.21	0.00	0.00	0.00
51	112	163-19.7	-0.8-1178.79	0.52	1.29	-2.08-1179.06	96.51	0.00	0.00	0.00
51	113	164-19.9	-0.7-1179.50	-0.04	2.07	-2.04-1179.52	104.12	0.00	0.00	0.00
51	114	165-20.1	-0.6-1180.11	-0.46	1.29	-2.01-1181.29	110.42	0.00	0.00	0.00
51	115	166-20.3	-0.5-1180.63	-1.11	2.06	-1.98-1181.66	118.12	0.00	0.00	0.00
51	116	167-20.5	-0.4-1181.06	-1.76	1.29	-1.95-1183.48	124.37	0.00	0.00	0.00
51	117	168-20.7	-0.3-1181.40	-2.53	2.06	-1.92-1183.80	132.13	0.00	0.00	0.00
51	118	169-20.9	-0.2-1181.66	-3.03	1.29	-1.89-1185.29	138.71	0.00	0.00	0.00
51	119	170-21.1	-0.1-1181.83	-3.72	2.06	-1.86-1185.36	146.71	0.00	0.00	0.00
51	120	171	0.0 0.0 0.00	-3.97	1.29	-1.84 0.00 0.00	0.00	0.00	0.00	0.00
51	121	172	0.0 0.0 0.00	-5.17	2.05	-1.81 0.00 0.00	0.00	0.00	0.00	0.00
52	47	99	3.0-16.4 -756.85	-3.73	1.33	-8.09 -767.34 -9.13	0.00	0.00	0.00	0.00
52	48	100	2.5-15.9 -772.99	-5.26	0.00	-8.45 -786.70 -20.42	0.00	0.00	0.00	0.00
52	49	101	2.1-15.5 -788.67	-5.64	1.31	-8.83 -801.83 -27.48	0.00	0.00	0.00	0.00
52	50	102	1.6-15.0 -803.92	-7.11	0.00	-9.21 -820.24 -37.82	0.00	0.00	0.00	0.00
52	51	103	1.2-14.6 -818.73	-5.89	1.29	-9.60 -832.93 -42.44	0.00	0.00	0.00	0.00
52	52	104	0.7-14.2 -833.12	-5.03	0.00	-10.00 -848.15 -49.59	0.00	0.00	0.00	0.00
52	53	105	0.3-13.8 -847.10	-3.72	1.28	-9.61 -859.15 -52.52	0.00	0.00	0.00	0.00
52	54	106	-0.1-13.4 -860.68	-3.01	0.00	-9.24 -872.92 -58.22	0.00	0.00	0.00	0.00
52	55	107	-0.6-13.0 -873.86	-1.94	1.26	-8.89 -883.42 -60.65	0.00	0.00	0.00	0.00
52	56	108	-1.0-12.6 -886.66	-1.18	0.00	-8.56 -896.40 -65.55	-65.67	-1.30	-0.12	
52	57	109	-1.4-12.2 -899.08	-0.41	1.25	-8.25 -906.49 -67.57	-67.56	-0.40	0.01	
52	58	110	-1.9-11.9 -911.13	0.25	0.00	-7.95 -918.84 -71.84	-72.27	-0.18	-0.43	
52	59	111	-2.3-11.5 -922.83	0.85	1.23	-7.67 -928.42 -73.36	-73.47	0.74	-0.11	
52	60	112	-2.7-11.2 -934.18	1.33	0.00	-7.41 -940.26 -77.13	-77.21	1.25	-0.08	
52	61	113	-3.1-10.8 -945.19	1.67	1.22	-7.16 -949.46 -78.25	0.00	0.00	0.00	
52	62	114	-3.5-10.5 -955.87	2.04	0.00	-6.92 -960.75 -81.47	0.00	0.00	0.00	
52	63	115	-3.9-10.2 -966.22	2.09	1.21	-6.69 -969.62 -82.27	-82.35	2.01	-0.08	
52	64	116	-4.3 -9.9 -976.26	2.28	0.00	-6.48 -980.45 -85.03	-85.29	2.02	-0.26	
52	65	117	-4.7 -9.6 -985.98	2.66	1.19	-6.27 -988.40 -84.91	-85.11	2.46	-0.20	
52	66	118	-5.1 -9.3 -995.41	2.46	0.00	-6.08 -999.02 -87.46	-87.65	2.27	-0.19	
52	67	119	-5.5 -9.0-1004.54	2.38	1.18	-5.89-1006.87 -87.23	-87.18	2.43	0.05	
52	68	120	-5.9 -8.7-1013.38	2.08	0.00	-5.71-1017.01 -89.31	-89.39	2.00	-0.08	
52	69	121	-6.3 -8.4-1021.95	1.89	1.17	-5.54-1024.43 -88.65	-88.55	1.99	0.10	
52	70	122	-6.7 -8.2-1030.24	1.55	0.00	-5.38-1034.07 -90.22	-90.30	1.47	-0.08	
52	71	123	-7.1 -7.9-1038.26	1.30	1.16	-5.23-1041.03 -89.10	-89.17	1.23	-0.07	
52	72	124	-7.4 -7.6-1046.02	0.66	0.00	-5.08-1050.44 -90.45	-90.52	0.59	-0.07	
52	73	125	-7.8 -7.4-1053.52	0.25	1.15	-4.94-1057.06 -89.00	-89.03	0.22	-0.03	
52	74	126	-8.2 -7.1-1060.78	-0.62	0.00	-4.80-1066.20 -90.07	-90.07	-0.62	0.00	
52	75	127	-8.5 -6.9-1067.80	-1.22	1.14	-4.67-1072.55 -88.34	-88.29	-1.17	0.05	
52	76	128	-8.9 -6.7-1074.57	-2.46	0.00	-4.55-1081.58 -89.30	-88.99	-2.15	0.31	
52	77	129	-9.2 -6.4-1081.12	-3.52	1.13	-4.43-1087.94 -87.59	-87.00	-2.93	0.59	
52	78	130	-9.6 -6.2-1087.44	-4.74	0.00	-4.32-1096.49 -88.07	-87.35	-4.02	0.72	
52	79	131	-9.9 -6.0-1093.53	-5.79	1.12	-4.21-1102.41 -85.92	-85.21	-5.08	0.71	
52	80	132	-10.2 -5.8-1099.41	-7.33	0.00	-4.10-1110.85 -86.28	-85.22	-6.27	1.06	
52	81	133	-10.6 -5.6-1105.08	-8.53	1.11	-4.00-1116.51 -83.87	-82.97	-7.63	0.90	
52	82	134	-10.9 -5.4-1110.55	-9.57	0.00	-3.91-1124.02 -83.32	-82.44	-8.69	0.88	
52	83	135	-11.2 -5.2-1115.81	-8.91	1.10	-3.81-1127.43 -78.65	-77.86	-8.12	0.79	
52	84	136	-11.6 -5.0-1120.87	-7.79	0.00	-3.72-1132.39 -75.54	-74.46	-6.71	1.08	
52	85	137	-11.9 -4.8-1125.75	-6.64	1.09	-3.64-1134.93 -70.01	-69.56	-6.19	0.45	
52	86	138	-12.2 -4.6-1130.43	-5.39	0.00	-3.55-1139.37 -66.38	0.00	0.00	0.00	
52	87	139	-12.5 -4.4-1134.93	-3.82	1.08	-3.47-1141.14 -60.08	0.00	0.00	0.00	
52	88	140	-12.8 -4.2-1139.25	-2.87	0.00	-3.40-1145.52 -56.38	0.00	0.00	0.00	
52	89	141	-13.1 -4.1-1143.40	-1.87	1.08	-3.32-1147.51 -50.31	0.00	0.00	0.00	
52	90	142	-13.4 -3.9-1147.37	-1.27	0.00	-3.25-1151.89 -46.61	0.00	0.00	0.00	
52	91	143	-13.7 -3.7-1151.17	-0.77	1.07	-3.18-1154.06 -40.71	0.00	0.00	0.00	
52	92	144	-14.0 -3.6-1154.81	-0.40	0.00	-3.11-1158.33 -36.91	0.00	0.00	0.00	

52	93	145-14.3	-3.4-1158.29	-0.12	1.06	-3.05-1160.40	-30.91	0.00	0.00	0.00
52	94	146-14.6	-3.2-1161.62	0.25	0.00	-2.99-1164.35	-26.79	0.00	0.00	0.00
52	95	147-14.9	-3.1-1164.79	0.37	1.05	-2.93-1166.29	-20.66	0.00	0.00	0.00
52	96	148-15.1	-2.9-1167.80	0.66	0.00	-2.87-1170.01	-16.31	0.00	0.00	0.00
52	97	149-15.4	-2.8-1170.68	0.71	1.04	-2.81-1171.74	-9.96	0.00	0.00	0.00
52	98	150-15.7	-2.7-1173.41	0.99	0.00	-2.76-1175.17	-5.33	0.00	0.00	0.00
52	99	151-16.0	-2.5-1175.99	0.99	1.04	-2.71-1176.67	1.25	0.00	0.00	0.00
52	100	152-16.2	-2.4-1178.45	1.22	0.00	-2.65-1179.88	6.11	0.00	0.00	0.00
52	101	153-16.5	-2.2-1180.76	1.04	1.03	-2.61-1181.30	12.76	0.00	0.00	0.00
52	102	154-16.7	-2.1-1182.95	1.20	0.00	-2.56-1184.31	17.83	0.00	0.00	0.00
52	103	155-17.0	-2.0-1185.01	0.93	1.02	-2.51-1185.56	24.64	0.00	0.00	0.00
52	104	156-17.2	-1.9-1186.94	1.29	0.00	-2.47-1188.12	30.16	0.00	0.00	0.00
52	105	157-17.5	-1.7-1188.75	1.24	1.02	-2.42-1188.92	37.43	0.00	0.00	0.00
52	106	158-17.7	-1.6-1190.44	1.50	0.00	-2.38-1191.32	43.10	0.00	0.00	0.00
52	107	159-18.0	-1.5-1192.01	1.38	1.01	-2.34-1191.96	50.53	0.00	0.00	0.00
52	108	160-18.2	-1.4-1193.47	1.58	0.00	-2.30-1194.19	56.37	0.00	0.00	0.00
52	109	161-18.4	-1.3-1194.82	1.24	1.00	-2.26-1194.83	63.80	0.00	0.00	0.00
52	110	162-18.7	-1.2-1196.06	1.28	0.00	-2.22-1197.00	69.71	0.00	0.00	0.00
52	111	163-18.9	-1.1-1197.19	0.82	1.00	-2.19-1197.56	77.22	0.00	0.00	0.00
52	112	164-19.1	-1.0-1198.21	0.72	0.00	-2.15-1199.64	83.20	0.00	0.00	0.00
52	113	165-19.3	-0.9-1199.14	0.31	0.99	-2.12-1199.95	90.97	0.00	0.00	0.00
52	114	166-19.6	-0.8-1199.96	-0.05	0.00	-2.08-1202.10	96.89	0.00	0.00	0.00
52	115	167-19.8	-0.7-1200.69	-0.74	0.99	-2.05-1202.50	104.57	0.00	0.00	0.00
52	116	168-20.0	-0.6-1201.33	-1.03	0.00	-2.02-1204.38	110.76	0.00	0.00	0.00
52	117	169-20.2	-0.5-1201.87	-2.12	0.98	-1.99-1204.99	118.21	0.00	0.00	0.00
52	118	170-20.4	-0.4-1202.32	-2.52	0.00	-1.96-1206.80	124.48	0.00	0.00	0.00
52	119	171-20.6	-0.3-1202.68	-3.05	0.98	-1.93-1206.69	132.66	0.00	0.00	0.00
52	120	172-20.8	-0.2-1202.97	-3.76	0.00	-1.90-1208.63	138.79	0.00	0.00	0.00
52	121	173-21.0	-0.2-1203.16	-4.64	0.97	-1.87-1208.71	146.79	0.00	0.00	0.00
52	122	174-21.1	-0.1-1203.28	-5.54	0.00	-1.85-1210.67	152.90	0.00	0.00	0.00
52	123	175 0.0 0.0	0.00	-7.05	0.97	-1.82 0.00	0.00	0.00	0.00	0.00
52	124	176 0.0 0.0	0.00	-8.02	0.00	-1.79 0.00	0.00	0.00	0.00	0.00
53	48	101 3.1-16.4	-770.17	-3.74	1.28	-8.12 -780.75	-7.20	0.00	0.00	0.00
53	49	102 2.7-15.9	-786.30	-4.31	2.29	-8.48 -796.81	-15.18	0.00	0.00	0.00
53	50	103 2.2-15.5	-801.99	-5.30	1.28	-8.85 -814.86	-25.16	0.00	0.00	0.00
53	51	104 1.8-15.0	-817.25	-4.60	2.27	-9.22 -828.80	-31.03	0.00	0.00	0.00
53	52	105 1.3-14.6	-832.08	-3.89	1.28	-9.61 -844.30	-38.46	0.00	0.00	0.00
53	53	106 0.9-14.2	-846.50	-2.67	2.54	-10.00 -856.63	-42.71	0.00	0.00	0.00
53	54	107 0.5-13.8	-860.51	-1.91	1.28	-9.62 -870.76	-48.77	0.00	0.00	0.00
53	55	108 0.0-13.4	-874.13	-1.15	2.25	-9.25 -882.28	-52.22	0.00	0.00	0.00
53	56	109 -0.4-13.0	-887.36	-0.43	1.28	-8.91 -895.42	-57.29	-57.56	-0.70	-0.27
53	57	110 -0.8-12.7	-900.21	0.19	2.24	-8.58 -906.36	-60.16	0.00	0.00	0.00
53	58	111 -1.2-12.3	-912.69	0.80	1.28	-8.28 -918.89	-64.61	0.00	0.00	0.00
53	59	112 -1.7-11.9	-924.81	1.22	2.23	-7.99 -929.35	-67.00	0.00	0.00	0.00
53	60	113 -2.1-11.6	-936.57	1.72	1.28	-7.71 -941.29	-70.87	-71.12	1.47	-0.25
53	61	114 -2.5-11.3	-948.00	1.88	2.22	-7.45 -951.35	-72.86	0.00	0.00	0.00
53	62	115 -2.9-10.9	-959.08	2.28	1.28	-7.20 -962.73	-76.17	0.00	0.00	0.00
53	63	116 -3.3-10.6	-969.84	2.36	2.21	-6.96 -972.24	-77.61	-77.54	2.43	0.07
53	64	117 -3.7-10.3	-980.28	2.56	1.28	-6.74 -983.18	-80.48	0.00	0.00	0.00
53	65	118 -4.1-10.0	-990.41	2.58	2.20	-6.52 -992.15	-81.38	0.00	0.00	0.00
53	66	119 -4.5	-9.7-1000.23	2.61	1.28	-6.32-1002.66	-83.81	-83.78	2.64	0.03
53	67	120 -4.9	-9.4-1009.75	2.51	2.19	-6.13-1011.18	-84.26	-83.77	3.00	0.49
53	68	121 -5.3	-9.1-1018.98	2.60	1.28	-5.94-1021.04	-86.05	-86.27	2.38	-0.22
53	69	122 -5.7	-8.8-1027.92	2.43	2.18	-5.76-1029.08	-86.02	-86.07	2.38	-0.05
53	70	123 -6.0	-8.5-1036.59	2.14	1.28	-5.60-1038.77	-87.64	-87.93	1.85	-0.29
53	71	124 -6.4	-8.3-1044.99	1.93	2.17	-5.44-1046.32	-87.12	-87.37	1.68	-0.25
53	72	125 -6.8	-8.0-1053.12	1.46	1.28	-5.28-1055.66	-88.39	-88.84	1.01	-0.45
53	73	126 -7.1	-7.7-1060.99	1.04	2.16	-5.13-1062.92	-87.58	-87.91	0.71	-0.33
53	74	127 -7.5	-7.5-1068.61	0.35	1.28	-4.99-1071.98	-88.56	-88.99	-0.08	-0.43
53	75	128 -7.9	-7.2-1075.98	-0.31	2.16	-4.86-1079.00	-87.51	-87.74	-0.54	-0.23
53	76	129 -8.2	-7.0-1083.12	-1.29	1.28	-4.73-1087.86	-88.30	-88.50	-1.49	-0.20
53	77	130 -8.6	-6.8-1090.01	-2.13	2.15	-4.61-1094.60	-86.97	-86.93	-2.09	0.04
53	78	131 -8.9	-6.5-1096.68	-3.44	1.28	-4.49-1103.33	-87.62	-87.46	-3.28	0.16
53	79	132 -9.3	-6.3-1103.12	-4.56	2.14	-4.37-1109.91	-86.14	-85.71	-4.13	0.43
53	80	133 -9.6	-6.1-1109.34	-6.14	1.28	-4.26-1118.46	-86.62	-85.89	-5.41	0.73
53	81	134 -9.9	-5.9-1115.34	-7.27	2.14	-4.16-1124.63	-84.72	-84.00	-6.55	0.72

53	82	135-10.3	-5.7-1121.14	-8.39	1.28	-4.06-1132.31	-84.32	-83.82	-7.89	0.50
53	83	136-10.6	-5.5-1126.73	-7.74	2.13	-3.96-1136.30	-80.24	-79.57	-7.07	0.67
53	84	137-10.9	-5.3-1132.11	-6.61	1.28	-3.87-1141.31	-77.18	-76.50	-5.93	0.68
53	85	138-11.2	-5.1-1137.31	-4.80	2.12	-3.78-1143.76	-71.56	-72.29	-5.53	-0.73
53	86	139-11.5	-4.9-1142.31	-3.87	1.28	-3.69-1148.59	-68.32	-68.87	-4.42	-0.55
53	87	140-11.9	-4.7-1147.12	-2.97	2.12	-3.61-1151.58	-63.23	0.00	0.00	0.00
53	88	141-12.2	-4.5-1151.75	-2.22	1.28	-3.53-1156.21	-59.80	0.00	0.00	0.00
53	89	142-12.5	-4.4-1156.20	-1.46	2.11	-3.45-1158.99	-54.51	0.00	0.00	0.00
53	90	143-12.8	-4.2-1160.47	-0.96	1.28	-3.37-1163.53	-50.97	0.00	0.00	0.00
53	91	144-13.1	-4.0-1164.57	-0.48	2.10	-3.30-1166.25	-45.62	0.00	0.00	0.00
53	92	145-13.4	-3.8-1168.51	-0.11	1.28	-3.23-1170.57	-41.87	0.00	0.00	0.00
53	93	146-13.7	-3.7-1172.28	0.05	2.10	-3.16-1173.29	-36.52	0.00	0.00	0.00
53	94	147-13.9	-3.5-1175.89	0.43	1.28	-3.10-1177.28	-32.43	0.00	0.00	0.00
53	95	148-14.2	-3.4-1179.34	0.51	2.09	-3.04-1179.77	-26.85	0.00	0.00	0.00
53	96	149-14.5	-3.2-1182.64	0.78	1.28	-2.98-1183.56	-22.57	0.00	0.00	0.00
53	97	150-14.8	-3.1-1185.79	0.88	2.09	-2.92-1185.73	-16.68	0.00	0.00	0.00
53	98	151-15.1	-2.9-1188.79	1.10	1.28	-2.86-1189.27	-12.14	0.00	0.00	0.00
53	99	152-15.3	-2.8-1191.64	0.97	2.08	-2.81-1191.40	-6.19	0.00	0.00	0.00
53	100	153-15.6	-2.6-1194.36	1.20	1.28	-2.75-1194.64	-1.36	0.00	0.00	0.00
53	101	154-15.9	-2.5-1196.94	0.99	2.08	-2.70-1196.57	4.77	0.00	0.00	0.00
53	102	155-16.1	-2.4-1199.38	1.16	1.28	-2.65-1199.60	9.82	0.00	0.00	0.00
53	103	156-16.4	-2.2-1201.70	0.81	2.07	-2.60-1201.42	16.07	0.00	0.00	0.00
53	104	157-16.6	-2.1-1203.88	1.15	1.28	-2.56-1204.01	21.55	0.00	0.00	0.00
53	105	158-16.9	-2.0-1205.94	1.15	2.07	-2.51-1205.23	28.40	0.00	0.00	0.00
53	106	159-17.1	-1.9-1207.87	1.39	1.28	-2.47-1207.67	34.03	0.00	0.00	0.00
53	107	160-17.4	-1.8-1209.69	1.28	2.06	-2.42-1208.77	41.01	0.00	0.00	0.00
53	108	161-17.6	-1.6-1211.38	1.43	1.28	-2.38-1211.06	46.79	0.00	0.00	0.00
53	109	162-17.8	-1.5-1212.97	1.17	2.06	-2.34-1212.08	53.84	0.00	0.00	0.00
53	110	163-18.1	-1.4-1214.43	1.16	1.28	-2.30-1214.30	59.69	0.00	0.00	0.00
53	111	164-18.3	-1.3-1215.79	0.83	2.06	-2.26-1215.17	66.89	0.00	0.00	0.00
53	112	165-18.5	-1.2-1217.04	0.90	1.28	-2.23-1217.09	73.04	0.00	0.00	0.00
53	113	166-18.8	-1.1-1218.19	0.46	2.05	-2.19-1217.87	80.33	0.00	0.00	0.00
53	114	167-19.0	-1.0-1219.23	0.24	1.28	-2.16-1219.87	86.40	0.00	0.00	0.00
53	115	168-19.2	-0.9-1220.17	-0.51	2.05	-2.12-1220.76	93.59	0.00	0.00	0.00
53	116	169-19.4	-0.8-1221.02	-0.73	1.28	-2.09-1222.56	99.86	0.00	0.00	0.00
53	117	170-19.6	-0.7-1221.76	-1.44	2.04	-2.06-1223.22	107.27	0.00	0.00	0.00
53	118	171-19.8	-0.6-1222.42	-2.17	1.28	-2.03-1225.34	113.22	0.00	0.00	0.00
53	119	172-20.0	-0.5-1222.98	-2.70	2.04	-2.00-1225.64	120.99	0.00	0.00	0.00
53	120	173-20.2	-0.4-1223.46	-3.21	1.28	-1.97-1227.36	127.34	0.00	0.00	0.00
53	121	174-20.4	-0.3-1223.85	-4.09	2.04	-1.94-1227.84	134.94	0.00	0.00	0.00
53	122	175-20.6	-0.3-1224.15	-4.84	1.28	-1.91-1229.62	141.22	0.00	0.00	0.00
53	123	176-20.8	-0.2-1224.37	-6.42	2.03	-1.88-1230.64	148.27	0.00	0.00	0.00
53	124	177-21.0	-0.1-1224.52	-7.36	1.28	-1.85-1232.45	154.53	0.00	0.00	0.00
53	125	178	0.0 0.0 0.00	-8.95	2.03	-1.83 0.00 0.00	0.00	0.00	0.00	0.00
53	126	179	0.0 0.0 0.00	-9.69	1.28	-1.80 0.00 0.00	0.00	0.00	0.00	0.00
54	49	103	3.2-16.3 -783.35	-3.14	1.31	-8.16 -793.34	-4.43	0.00	0.00	0.00
54	50	104	2.8-15.9 -799.48	-4.22	0.00	-8.51 -812.21	-15.23	0.00	0.00	0.00
54	51	105	2.4-15.5 -815.18	-3.40	1.29	-8.87 -826.15	-21.10	0.00	0.00	0.00
54	52	106	1.9-15.1 -830.45	-2.73	0.00	-9.24 -842.42	-29.29	0.00	0.00	0.00
54	53	107	1.5-14.6 -845.30	-1.83	1.28	-9.62 -855.47	-34.27	0.00	0.00	0.00
54	54	108	1.1-14.2 -859.74	-1.15	0.00	-10.00 -870.89	-41.63	0.00	0.00	0.00
54	55	109	0.6-13.8 -873.79	-0.47	1.26	-9.62 -882.62	-45.28	0.00	0.00	0.00
54	56	110	0.2-13.5 -887.44	0.12	0.00	-9.26 -896.59	-51.18	0.00	0.00	0.00
54	57	111	-0.2-13.1 -900.72	0.78	1.25	-8.93 -907.62	-54.14	0.00	0.00	0.00
54	58	112	-0.6-12.7 -913.62	1.18	0.00	-8.61 -921.05	-59.50	-59.92	0.76	-0.42
54	59	113	-1.0-12.4 -926.16	1.55	1.23	-8.30 -931.68	-62.05	-62.03	1.57	0.02
54	60	114	-1.5-12.0 -938.34	1.89	0.00	-8.02 -944.47	-66.77	0.00	0.00	0.00
54	61	115	-1.9-11.7 -950.17	2.07	1.22	-7.74 -954.63	-68.86	0.00	0.00	0.00
54	62	116	-2.3-11.3 -961.67	2.38	0.00	-7.49 -966.77	-72.93	0.00	0.00	0.00
54	63	117	-2.7-11.0 -972.83	2.56	1.21	-7.24 -976.30	-74.39	0.00	0.00	0.00
54	64	118	-3.1-10.7 -983.67	2.69	0.00	-7.01 -987.98	-78.00	0.00	0.00	0.00
54	65	119	-3.5-10.4 -994.19	2.75	1.19	-6.78 -997.03	-78.98	-78.74	2.99	0.24
54	66	120	-3.9-10.1 -1004.40	2.75	0.00	-6.57-1008.22	-82.10	-81.81	3.04	0.29
54	67	121	-4.2 -9.8-1014.31	2.70	1.18	-6.37-1016.80	-82.60	-82.49	2.81	0.11
54	68	122	-4.6 -9.5-1023.93	2.59	0.00	-6.18-1027.51	-85.25	-84.99	2.85	0.26
54	69	123	-5.0 -9.2-1033.26	2.42	1.17	-5.99-1035.66	-85.32	-85.25	2.49	0.07

54	70	124	-5.4	-8.9-1042.30	2.34	0.00	-5.82-1045.78	-87.37	-87.66	2.05	-0.29
54	71	125	-5.8	-8.6-1051.07	2.06	1.16	-5.65-1053.50	-87.02	-87.19	1.89	-0.17
54	72	126	-6.1	-8.4-1059.57	1.86	0.00	-5.49-1063.20	-88.65	-89.17	1.34	-0.52
54	73	127	-6.5	-8.1-1067.81	1.51	1.15	-5.33-1070.49	-87.86	-88.32	1.05	-0.46
54	74	128	-6.9	-7.9-1075.79	1.01	0.00	-5.19-1079.97	-89.27	-89.86	0.42	-0.59
54	75	129	-7.2	-7.6-1083.52	0.48	1.14	-5.05-1086.95	-88.19	-88.70	-0.03	-0.51
54	76	130	-7.6	-7.4-1091.01	-0.31	0.00	-4.91-1096.23	-89.39	-89.88	-0.80	-0.49
54	77	131	-7.9	-7.1-1098.26	-1.11	1.13	-4.78-1103.02	-88.11	-88.43	-1.43	-0.32
54	78	132	-8.3	-6.9-1105.27	-2.36	0.00	-4.66-1112.29	-89.31	-89.29	-2.34	0.02
54	79	133	-8.6	-6.7-1112.05	-3.59	1.12	-4.54-1119.06	-88.01	-87.66	-3.24	0.35
54	80	134	-8.9	-6.4-1118.61	-4.92	0.00	-4.43-1127.96	-88.83	-88.13	-4.22	0.70
54	81	135	-9.3	-6.2-1124.95	-6.10	1.11	-4.32-1134.26	-87.06	-86.50	-5.54	0.56
54	82	136	-9.6	-6.0-1131.08	-7.20	0.00	-4.21-1142.49	-87.22	-86.43	-6.41	0.79
54	83	137	-9.9	-5.8-1136.99	-6.62	1.10	-4.11-1146.62	-83.28	-82.38	-5.72	0.90
54	84	138	-10.3	-5.6-1142.71	-5.35	0.00	-4.01-1152.07	-80.66	-80.11	-4.80	0.55
54	85	139	-10.6	-5.4-1148.22	-4.02	1.09	-3.92-1155.07	-75.58	-75.69	-4.13	-0.11
54	86	140	-10.9	-5.2-1153.54	-3.01	0.00	-3.83-1160.37	-72.82	-72.99	-3.18	-0.17
54	87	141	-11.2	-5.0-1158.66	-2.37	1.08	-3.74-1163.69	-68.06	-68.32	-2.63	-0.26
54	88	142	-11.5	-4.8-1163.60	-1.76	0.00	-3.66-1169.02	-65.32	-65.50	-1.94	-0.18
54	89	143	-11.8	-4.7-1168.35	-1.23	1.08	-3.58-1172.09	-60.32	0.00	0.00	0.00
54	90	144	-12.1	-4.5-1172.93	-0.62	0.00	-3.50-1177.05	-57.21	0.00	0.00	0.00
54	91	145	-12.4	-4.3-1177.33	-0.18	1.07	-3.42-1179.87	-51.96	0.00	0.00	0.00
54	92	146	-12.7	-4.1-1181.56	0.02	0.00	-3.35-1184.89	-48.91	0.00	0.00	0.00
54	93	147	-13.0	-4.0-1185.62	0.09	1.06	-3.28-1187.75	-43.70	0.00	0.00	0.00
54	94	148	-13.3	-3.8-1189.52	0.44	0.00	-3.21-1192.29	-40.17	0.00	0.00	0.00
54	95	149	-13.6	-3.7-1193.25	0.55	1.05	-3.15-1194.80	-34.61	0.00	0.00	0.00
54	96	150	-13.9	-3.5-1196.83	0.88	0.00	-3.09-1199.04	-30.77	0.00	0.00	0.00
54	97	151	-14.2	-3.3-1200.26	0.84	1.04	-3.02-1201.40	-25.06	0.00	0.00	0.00
54	98	152	-14.4	-3.2-1203.54	1.09	0.00	-2.96-1205.41	-21.00	0.00	0.00	0.00
54	99	153	-14.7	-3.1-1206.66	0.92	1.04	-2.91-1207.61	-15.13	0.00	0.00	0.00
54	100	154	-15.0	-2.9-1209.65	1.05	0.00	-2.85-1211.45	-10.90	0.00	0.00	0.00
54	101	155	-15.2	-2.8-1212.49	0.74	1.03	-2.80-1213.52	-4.89	0.00	0.00	0.00
54	102	156	-15.5	-2.6-1215.20	0.88	0.00	-2.75-1217.06	-0.37	0.00	0.00	0.00
54	103	157	-15.8	-2.5-1217.77	0.70	1.02	-2.70-1218.74	6.03	0.00	0.00	0.00
54	104	158	-16.0	-2.4-1220.20	1.07	0.00	-2.65-1221.78	11.06	0.00	0.00	0.00
54	105	159	-16.3	-2.2-1222.51	1.06	1.02	-2.60-1223.04	17.87	0.00	0.00	0.00
54	106	160	-16.5	-2.1-1224.69	1.37	0.00	-2.55-1225.88	23.10	0.00	0.00	0.00
54	107	161	-16.8	-2.0-1226.75	1.26	1.01	-2.51-1226.99	30.06	0.00	0.00	0.00
54	108	162	-17.0	-1.9-1228.69	1.44	0.00	-2.47-1229.72	35.41	0.00	0.00	0.00
54	109	163	-17.2	-1.8-1230.51	1.22	1.00	-2.42-1230.71	42.49	0.00	0.00	0.00
54	110	164	-17.5	-1.6-1232.21	1.29	0.00	-2.38-1233.30	47.96	0.00	0.00	0.00
54	111	165	-17.7	-1.5-1233.80	1.01	1.00	-2.34-1234.14	55.20	0.00	0.00	0.00
54	112	166	-17.9	-1.4-1235.28	0.96	0.00	-2.31-1236.62	60.79	0.00	0.00	0.00
54	113	167	-18.2	-1.3-1236.65	0.58	0.99	-2.27-1237.34	68.14	0.00	0.00	0.00
54	114	168	-18.4	-1.2-1237.91	0.56	0.00	-2.23-1239.58	73.97	0.00	0.00	0.00
54	115	169	-18.6	-1.1-1239.07	-0.02	0.99	-2.20-1240.30	81.32	0.00	0.00	0.00
54	116	170	-18.8	-1.0-1240.13	-0.38	0.00	-2.16-1242.67	87.02	0.00	0.00	0.00
54	117	171	-19.0	-0.9-1241.09	-0.90	0.98	-2.13-1243.13	94.63	0.00	0.00	0.00
54	118	172	-19.2	-0.8-1241.95	-1.31	0.00	-2.10-1245.36	100.48	0.00	0.00	0.00
54	119	173	-19.5	-0.7-1242.72	-2.09	0.98	-2.06-1245.90	108.01	0.00	0.00	0.00
54	120	174	-19.7	-0.6-1243.39	-2.49	0.00	-2.03-1247.92	114.07	0.00	0.00	0.00
54	121	175	-19.9	-0.5-1243.98	-3.42	0.97	-2.00-1248.43	121.62	0.00	0.00	0.00
54	122	176	-20.0	-0.5-1244.48	-4.24	0.00	-1.97-1250.69	127.43	0.00	0.00	0.00
54	123	177	-20.2	-0.4-1244.89	-5.64	0.97	-1.95-1251.51	134.69	0.00	0.00	0.00
54	124	178	-20.4	-0.3-1245.22	-6.49	0.00	-1.92-1253.62	140.64	0.00	0.00	0.00
54	125	179	-20.6	-0.2-1245.46	-8.19	0.96	-1.89-1254.58	147.76	0.00	0.00	0.00
54	126	180	-20.8	-0.1-1245.63	-8.73	0.00	-1.86-1256.22	154.19	0.00	0.00	0.00
54	127	181	0.0	0.0	0.00	-7.95	0.95	-1.84	0.00	0.00	0.00
54	128	182	0.0	0.0	0.00	-6.62	0.00	-1.81	0.00	0.00	0.00
55	51	106	2.9-15.9	-812.53	-2.31	2.26	-8.53	-821.11	-8.78	0.00	0.00
55	52	107	2.5-15.5	-828.23	-1.80	1.26	-8.89	-837.66	-17.25	0.00	0.00
55	53	108	2.1-15.1	-843.51	-1.10	2.25	-9.25	-851.61	-23.14	0.00	0.00
55	54	109	1.7-14.7	-858.38	-0.51	1.26	-9.62	-867.25	-30.70	0.00	0.00
55	55	110	1.2-14.3	-872.85	-0.27	2.51	-10.00	-880.61	-36.00	0.00	0.00
55	56	111	0.8-13.9	-886.93	0.16	1.26	-9.63	-895.14	-42.45	0.00	0.00
55	57	112	0.4-13.5	-900.63	0.84	2.23	-9.28	-906.84	-46.08	0.00	0.00

55	58	113	0.0-13.1	-913.94	1.36	1.26	-8.94	-920.27	-51.43	-51.66	1.13	-0.23
55	59	114	-0.4-12.8	-926.90	1.70	2.21	-8.63	-931.61	-54.71	0.00	0.00	0.00
55	60	115	-0.8-12.4	-939.49	1.80	1.26	-8.33	-944.76	-59.78	0.00	0.00	0.00
55	61	116	-1.2-12.1	-951.73	2.03	2.20	-8.05	-955.54	-62.50	-62.25	2.28	0.25
55	62	117	-1.7-11.7	-963.63	2.30	1.26	-7.78	-967.84	-66.73	-66.24	2.79	0.49
55	63	118	-2.1-11.4	-975.19	2.48	2.19	-7.52	-978.04	-68.85	-68.25	3.08	0.60
55	64	119	-2.4-11.1	-986.43	2.66	1.26	-7.28	-989.79	-72.52	-72.22	2.96	0.30
55	65	120	-2.8-10.8	-997.35	2.68	2.18	-7.05	-999.53	-74.19	-73.80	3.07	0.39
55	66	121	-3.2-10.4	-1007.95	2.69	1.26	-6.83	-1010.82	-77.42	-77.09	3.02	0.33
55	67	122	-3.6-10.1	-1018.25	2.59	2.18	-6.62	-1020.10	-78.62	-78.12	3.09	0.50
55	68	123	-4.0	-9.8-1028.24	2.56	1.26	-6.42	-1030.84	-81.29	-81.06	2.79	0.23
55	69	124	-4.4	-9.6-1037.95	2.36	2.17	-6.22	-1039.65	-82.03	-81.73	2.66	0.30
55	70	125	-4.8	-9.3-1047.37	2.45	1.26	-6.04	-1049.70	-84.01	-84.11	2.35	-0.10
55	71	126	-5.1	-9.0-1056.52	2.20	2.16	-5.87	-1058.02	-84.26	-84.35	2.11	-0.09
55	72	127	-5.5	-8.7-1065.39	2.05	1.26	-5.70	-1067.77	-85.94	-86.25	1.74	-0.31
55	73	128	-5.9	-8.5-1073.99	1.76	2.15	-5.54	-1075.62	-85.71	-85.93	1.54	-0.22
55	74	129	-6.2	-8.2-1082.33	1.38	1.26	-5.39	-1085.08	-87.10	-87.51	0.97	-0.41
55	75	130	-6.6	-8.0-1090.42	0.89	2.14	-5.24	-1092.63	-86.58	-86.85	0.62	-0.27
55	76	131	-6.9	-7.7-1098.26	0.37	1.26	-5.10	-1101.73	-87.61	-88.07	-0.09	-0.46
55	77	132	-7.3	-7.5-1105.86	-0.26	2.14	-4.97	-1108.95	-86.76	-87.17	-0.67	-0.41
55	78	133	-7.6	-7.2-1113.22	-1.28	1.26	-4.84	-1118.07	-87.81	-88.08	-1.55	-0.27
55	79	134	-8.0	-7.0-1120.34	-2.28	2.13	-4.71	-1125.21	-86.87	-86.91	-2.32	-0.04
55	80	135	-8.3	-6.8-1127.24	-3.90	1.26	-4.59	-1134.47	-88.07	-87.66	-3.49	0.41
55	81	136	-8.6	-6.6-1133.92	-5.10	2.12	-4.48	-1141.37	-86.90	-86.35	-4.55	0.55
55	82	137	-9.0	-6.3-1140.37	-6.18	1.26	-4.37	-1149.66	-87.12	-86.56	-5.62	0.56
55	83	138	-9.3	-6.1-1146.62	-5.68	2.12	-4.26	-1154.45	-83.83	-82.89	-4.74	0.94
55	84	139	-9.6	-5.9-1152.66	-4.31	1.26	-4.16	-1159.87	-81.18	-80.71	-3.84	0.47
55	85	140	-10.0	-5.7-1158.49	-2.96	2.11	-4.07	-1163.41	-76.64	-77.05	-3.37	-0.41
55	86	141	-10.3	-5.5-1164.12	-2.28	1.26	-3.97	-1169.11	-74.28	-74.47	-2.47	-0.19
55	87	142	-10.6	-5.3-1169.56	-1.91	2.10	-3.88	-1173.25	-70.35	-70.54	-2.10	-0.19
55	88	143	-10.9	-5.2-1174.81	-1.32	1.26	-3.79	-1178.66	-67.69	-67.75	-1.38	-0.06
55	89	144	-11.2	-5.0-1179.87	-1.00	2.10	-3.71	-1182.49	-63.44	-63.37	-0.93	0.07
55	90	145	-11.5	-4.8-1184.75	-0.42	1.26	-3.63	-1187.54	-60.42	-60.22	-0.22	0.20
55	91	146	-11.8	-4.6-1189.45	0.04	2.09	-3.55	-1190.87	-55.68	-55.71	0.01	-0.03
55	92	147	-12.1	-4.4-1193.98	0.21	1.26	-3.47	-1195.98	-52.72	-52.32	0.61	0.40
55	93	148	-12.4	-4.3-1198.33	0.26	2.09	-3.40	-1199.39	-48.06	-47.60	0.72	0.46
55	94	149	-12.7	-4.1-1202.52	0.65	1.26	-3.33	-1203.94	-44.53	0.00	0.00	0.00
55	95	150	-13.0	-3.9-1206.54	0.68	2.08	-3.26	-1207.04	-39.57	0.00	0.00	0.00
55	96	151	-13.3	-3.8-1210.40	1.00	1.26	-3.20	-1211.34	-35.79	0.00	0.00	0.00
55	97	152	-13.5	-3.6-1214.11	0.86	2.08	-3.13	-1214.31	-30.69	0.00	0.00	0.00
55	98	153	-13.8	-3.5-1217.66	1.06	1.26	-3.07	-1218.41	-26.72	0.00	0.00	0.00
55	99	154	-14.1	-3.3-1221.06	0.92	2.07	-3.01	-1221.08	-21.32	0.00	0.00	0.00
55	100	155	-14.4	-3.2-1224.32	0.98	1.26	-2.95	-1225.03	-17.19	0.00	0.00	0.00
55	101	156	-14.6	-3.0-1227.42	0.64	2.07	-2.90	-1227.62	-11.71	0.00	0.00	0.00
55	102	157	-14.9	-2.9-1230.39	0.76	1.26	-2.84	-1231.21	-7.24	0.00	0.00	0.00
55	103	158	-15.1	-2.8-1233.22	0.58	2.06	-2.79	-1233.37	-1.33	0.00	0.00	0.00
55	104	159	-15.4	-2.6-1235.92	0.95	1.26	-2.74	-1236.44	3.67	0.00	0.00	0.00
55	105	160	-15.7	-2.5-1238.48	1.02	2.06	-2.69	-1238.09	10.10	0.00	0.00	0.00
55	106	161	-15.9	-2.4-1240.91	1.27	1.26	-2.64	-1241.02	15.24	0.00	0.00	0.00
55	107	162	-16.2	-2.2-1243.21	1.20	2.05	-2.60	-1242.56	21.77	0.00	0.00	0.00
55	108	163	-16.4	-2.1-1245.39	1.40	1.26	-2.55	-1245.28	27.12	0.00	0.00	0.00
55	109	164	-16.6	-2.0-1247.45	1.22	2.05	-2.51	-1246.69	33.78	0.00	0.00	0.00
55	110	165	-16.9	-1.9-1249.39	1.33	1.26	-2.47	-1249.27	39.28	0.00	0.00	0.00
55	111	166	-17.1	-1.8-1251.22	1.09	2.04	-2.42	-1250.51	46.11	0.00	0.00	0.00
55	112	167	-17.3	-1.6-1252.92	0.99	1.26	-2.38	-1253.06	51.63	0.00	0.00	0.00
55	113	168	-17.6	-1.5-1254.52	0.70	2.04	-2.35	-1254.13	58.63	0.00	0.00	0.00
55	114	169	-17.8	-1.4-1256.01	0.65	1.26	-2.31	-1256.40	64.43	0.00	0.00	0.00
55	115	170	-18.0	-1.3-1257.39	0.16	2.03	-2.27	-1257.47	71.44	0.00	0.00	0.00
55	116	171	-18.2	-1.2-1258.67	-0.06	1.26	-2.24	-1259.70	77.28	0.00	0.00	0.00
55	117	172	-18.5	-1.1-1259.84	-0.77	2.03	-2.20	-1260.78	84.27	0.00	0.00	0.00
55	118	173	-18.7	-1.0-1260.91	-1.09	1.26	-2.17	-1262.91	90.21	0.00	0.00	0.00
55	119	174	-18.9	-0.9-1261.89	-1.99	2.03	-2.13	-1263.99	97.21	0.00	0.00	0.00
55	120	175	-19.1	-0.8-1262.77	-2.01	1.26	-2.10	-1265.62	103.64	0.00	0.00	0.00
55	121	176	-19.3	-0.7-1263.55	-2.92	2.02	-2.07	-1266.52	110.81	0.00	0.00	0.00
55	122	177	-19.5	-0.6-1264.25	-3.71	1.26	-2.04	-1268.74	116.67	0.00	0.00	0.00
55	123	178	-19.7	-0.6-1264.86	-5.11	2.02	-2.01	-1269.96	123.52	0.00	0.00	0.00

55	124	179-19.9	-0.5-1265.37	-5.97	1.26	-1.98-1272.06	129.48	0.00	0.00	0.00
55	125	180-20.1	-0.4-1265.81	-7.59	2.02	-1.95-1273.34	136.28	0.00	0.00	0.00
55	126	181-20.3	-0.3-1266.16	-8.24	1.26	-1.93-1275.06	142.63	0.00	0.00	0.00
55	127	182-20.4	-0.2-1266.43	-7.40	2.01	-1.90-1273.72	152.04	0.00	0.00	0.00
55	128	183-20.6	-0.2-1266.62	-6.22	1.26	-1.87-1273.45	160.38	0.00	0.00	0.00
55	129	184-20.8	-0.1-1266.74	-5.24	2.01	-1.85-1271.82	170.09	0.00	0.00	0.00
55	130	185	0.0 0.0 0.00	-4.18	1.26	-1.82 0.00 0.00	0.00	0.00	0.00	0.00
56	52	108	3.1-15.9 -825.44	-1.04	0.00	-8.56 -835.04	-7.36	0.00	0.00	0.00
56	53	109	2.7-15.5 -841.15	-0.38	1.28	-8.91 -849.16	-13.40	0.00	0.00	0.00
56	54	110	2.2-15.1 -856.44	-0.14	0.00	-9.26 -865.84	-22.02	0.00	0.00	0.00
56	55	111	1.8-14.7 -871.33	0.26	1.26	-9.63 -879.44	-27.54	0.00	0.00	0.00
56	56	112	1.4-14.3 -885.83	0.93	0.00	-10.00 -894.90	-34.93	0.00	0.00	0.00
56	57	113	1.0-13.9 -899.94	1.47	1.25	-9.64 -906.86	-38.81	0.00	0.00	0.00
56	58	114	0.6-13.5 -913.67	1.65	0.00	-9.29 -921.31	-45.20	0.00	0.00	0.00
56	59	115	0.2-13.2 -927.03	1.82	1.23	-8.96 -932.94	-48.76	0.00	0.00	0.00
56	60	116	-0.2-12.8 -940.03	1.77	0.00	-8.65 -946.91	-54.66	0.00	0.00	0.00
56	61	117	-0.6-12.5 -952.68	1.97	1.22	-8.36 -957.85	-57.52	0.00	0.00	0.00
56	62	118	-1.0-12.1 -964.98	2.22	0.00	-8.08 -970.84	-62.44	0.00	0.00	0.00
56	63	119	-1.4-11.8 -976.94	2.41	1.21	-7.81 -981.14	-64.67	0.00	0.00	0.00
56	64	120	-1.8-11.5 -988.57	2.60	0.00	-7.56 -993.53	-68.99	0.00	0.00	0.00
56	65	121	-2.2-11.1 -999.88	2.66	1.19	-7.32-1003.35	-70.73	0.00	0.00	0.00
56	66	122	-2.6-10.8-1010.87	2.65	0.00	-7.09-1015.31	-74.63	0.00	0.00	0.00
56	67	123	-3.0-10.5-1021.56	2.57	1.18	-6.87-1024.67	-75.92	0.00	0.00	0.00
56	68	124	-3.4-10.2-1031.94	2.51	0.00	-6.66-1036.09	-79.26	0.00	0.00	0.00
56	69	125	-3.8 -9.9-1042.02	2.35	1.17	-6.46-1044.96	-80.07	-79.55	2.87	0.52
56	70	126	-4.1 -9.7-1051.82	2.33	0.00	-6.27-1055.76	-82.79	0.00	0.00	0.00
56	71	127	-4.5 -9.4-1061.33	2.18	1.16	-6.09-1064.08	-83.04	-82.80	2.42	0.24
56	72	128	-4.9 -9.1-1070.57	2.20	0.00	-5.92-1074.29	-85.17	-85.47	1.90	-0.30
56	73	129	-5.2 -8.8-1079.54	1.95	1.15	-5.75-1082.19	-85.01	-85.08	1.88	-0.07
56	74	130	-5.6 -8.6-1088.24	1.76	0.00	-5.59-1092.07	-86.82	-87.29	1.29	-0.47
56	75	131	-6.0 -8.3-1096.69	1.36	1.14	-5.44-1099.63	-86.30	-86.71	0.95	-0.41
56	76	132	-6.3 -8.1-1104.88	0.93	0.00	-5.29-1109.24	-87.85	-88.45	0.33	-0.60
56	77	133	-6.7 -7.8-1112.83	0.38	1.13	-5.15-1116.47	-87.00	-87.57	-0.19	-0.57
56	78	134	-7.0 -7.6-1120.53	-0.55	0.00	-5.02-1126.10	-88.56	-88.96	-0.95	-0.40
56	79	135	-7.3 -7.3-1128.00	-1.45	1.12	-4.89-1133.22	-87.61	-87.87	-1.71	-0.26
56	80	136	-7.7 -7.1-1135.24	-3.01	0.00	-4.77-1143.01	-89.33	-88.90	-2.58	0.43
56	81	137	-8.0 -6.9-1142.25	-4.18	1.11	-4.65-1149.97	-88.21	-87.73	-3.70	0.48
56	82	138	-8.3 -6.7-1149.04	-5.29	0.00	-4.53-1158.86	-89.03	-88.27	-4.53	0.76
56	83	139	-8.7 -6.5-1155.61	-4.66	1.10	-4.42-1163.59	-85.70	-84.92	-3.88	0.78
56	84	140	-9.0 -6.3-1161.97	-3.53	0.00	-4.32-1169.82	-83.85	-83.27	-2.95	0.58
56	85	141	-9.3 -6.0-1168.13	-2.16	1.09	-4.22-1173.41	-79.37	-79.73	-2.52	-0.36
56	86	142	-9.6 -5.8-1174.08	-1.60	0.00	-4.12-1179.80	-77.68	-77.85	-1.77	-0.17
56	87	143-10.0	-5.7-1179.83	-1.33	1.08	-4.02-1184.10	-73.92	-73.98	-1.39	-0.06
56	88	144-10.3	-5.5-1185.39	-0.94	0.00	-3.93-1190.27	-72.01	-71.84	-0.77	0.17
56	89	145-10.6	-5.3-1190.76	-0.57	1.08	-3.84-1194.10	-67.78	-68.13	-0.92	-0.35
56	90	146-10.9	-5.1-1195.95	-0.02	0.00	-3.76-1199.73	-65.33	-65.08	0.23	0.25
56	91	147-11.2	-4.9-1200.95	0.20	1.07	-3.68-1203.36	-60.89	-61.49	-0.40	-0.60
56	92	148-11.5	-4.7-1205.77	0.35	0.00	-3.60-1209.02	-58.48	0.00	0.00	0.00
56	93	149-11.8	-4.6-1210.42	0.27	1.06	-3.52-1212.61	-54.00	0.00	0.00	0.00
56	94	150-12.1	-4.4-1214.90	0.58	0.00	-3.45-1217.77	-51.08	0.00	0.00	0.00
56	95	151-12.4	-4.2-1219.21	0.53	1.05	-3.38-1221.00	-46.25	0.00	0.00	0.00
56	96	152-12.6	-4.1-1223.35	0.87	0.00	-3.31-1225.79	-42.96	0.00	0.00	0.00
56	97	153-12.9	-3.9-1227.34	0.76	1.04	-3.24-1228.78	-37.88	0.00	0.00	0.00
56	98	154-13.2	-3.7-1231.17	0.96	0.00	-3.18-1233.39	-34.42	0.00	0.00	0.00
56	99	155-13.5	-3.6-1234.84	0.77	1.04	-3.12-1236.15	-29.11	0.00	0.00	0.00
56	100	156-13.7	-3.4-1238.36	0.87	0.00	-3.06-1240.55	-25.44	0.00	0.00	0.00
56	101	157-14.0	-3.3-1241.74	0.51	1.03	-3.00-1243.20	-20.02	0.00	0.00	0.00
56	102	158-14.3	-3.2-1244.97	0.58	0.00	-2.94-1247.34	-16.08	0.00	0.00	0.00
56	103	159-14.5	-3.0-1248.06	0.46	1.02	-2.89-1249.47	-10.14	0.00	0.00	0.00
56	104	160-14.8	-2.9-1251.02	0.82	0.00	-2.84-1253.03	-5.64	0.00	0.00	0.00
56	105	161-15.1	-2.7-1253.83	0.86	1.02	-2.79-1254.74	0.73	0.00	0.00	0.00
56	106	162-15.3	-2.6-1256.52	1.16	0.00	-2.74-1258.09	5.45	0.00	0.00	0.00
56	107	163-15.6	-2.5-1259.07	1.12	1.01	-2.69-1259.63	11.99	0.00	0.00	0.00
56	108	164-15.8	-2.4-1261.50	1.37	0.00	-2.64-1262.77	16.92	0.00	0.00	0.00
56	109	165-16.0	-2.2-1263.80	1.19	1.00	-2.59-1264.20	23.56	0.00	0.00	0.00
56	110	166-16.3	-2.1-1265.98	1.38	0.00	-2.55-1267.15	28.68	0.00	0.00	0.00

56	111	167-16.5	-2.0-1268.04	1.14	1.00	-2.51-1268.41	35.49	0.00	0.00	0.00
56	112	168-16.8	-1.9-1269.98	1.17	0.00	-2.47-1271.27	40.70	0.00	0.00	0.00
56	113	169-17.0	-1.8-1271.81	0.72	0.99	-2.43-1272.52	47.52	0.00	0.00	0.00
56	114	170-17.2	-1.7-1273.52	0.80	0.00	-2.39-1275.11	53.01	0.00	0.00	0.00
56	115	171-17.4	-1.5-1275.13	0.34	0.99	-2.35-1276.15	60.04	0.00	0.00	0.00
56	116	172-17.7	-1.4-1276.62	0.19	0.00	-2.31-1278.74	65.51	0.00	0.00	0.00
56	117	173-17.9	-1.3-1278.01	-0.59	0.98	-2.27-1279.90	72.43	0.00	0.00	0.00
56	118	174-18.1	-1.2-1279.30	-0.72	0.00	-2.24-1282.26	78.14	0.00	0.00	0.00
56	119	175-18.3	-1.1-1280.49	-1.55	0.98	-2.20-1283.27	85.20	0.00	0.00	0.00
56	120	176-18.5	-1.0-1281.58	-1.47	0.00	-2.17-1285.22	91.32	0.00	0.00	0.00
56	121	177-18.7	-0.9-1282.57	-2.52	0.97	-2.14-1286.26	98.35	0.00	0.00	0.00
56	122	178-18.9	-0.8-1283.47	-3.07	0.00	-2.11-1288.65	104.04	0.00	0.00	0.00
56	123	179-19.1	-0.8-1284.27	-4.45	0.97	-2.08-1289.83	110.92	0.00	0.00	0.00
56	124	180-19.3	-0.7-1284.99	-5.26	0.00	-2.05-1292.29	116.53	0.00	0.00	0.00
56	125	181-19.5	-0.6-1285.61	-6.97	0.96	-2.02-1293.64	123.26	0.00	0.00	0.00
56	126	182-19.7	-0.5-1286.15	-7.39	0.00	-1.99-1295.53	129.44	0.00	0.00	0.00
56	127	183-19.9	-0.4-1286.61	-6.59	0.95	-1.96-1294.20	138.84	0.00	0.00	0.00
56	128	184-20.1	-0.3-1286.98	-5.59	0.00	-1.93-1294.51	146.61	0.00	0.00	0.00
56	129	185-20.3	-0.3-1287.28	-4.57	0.95	-1.91-1292.81	156.38	0.00	0.00	0.00
56	130	186-20.5	-0.2-1287.50	-3.37	0.00	-1.88-1292.75	164.51	0.00	0.00	0.00
56	131	187-20.6	-0.1-1287.64	-3.32	0.95	-1.86-1291.87	173.46	0.00	0.00	0.00
56	132	188	0.0 0.0 0.00	-2.75	0.00	-1.83 0.00 0.00	0.00	0.00	0.00	0.00
56	133	189	0.0 0.0 0.00	-3.04	0.94	-1.81 0.00 0.00	0.00	0.00	0.00	0.00
57	53	110	3.2-15.9 -838.22	0.06	2.24	-8.58 -844.50	-1.47	0.00	0.00	0.00
57	54	111	2.8-15.5 -853.93	0.31	1.25	-8.93 -861.30	-10.19	0.00	0.00	0.00
57	55	112	2.4-15.1 -869.24	0.86	2.23	-9.28 -875.43	-16.25	0.00	0.00	0.00
57	56	113	2.0-14.7 -884.15	0.94	1.25	-9.64 -891.59	-24.34	0.00	0.00	0.00
57	57	114	1.6-14.3 -898.67	1.25	2.48	-10.00 -904.94	-29.62	0.00	0.00	0.00
57	58	115	1.2-14.0 -912.81	1.43	1.25	-9.64 -919.77	-36.38	0.00	0.00	0.00
57	59	116	0.7-13.6 -926.58	1.44	2.20	-9.30 -932.24	-40.77	0.00	0.00	0.00
57	60	117	0.3-13.2 -939.98	1.34	1.25	-8.98 -946.37	-46.84	0.00	0.00	0.00
57	61	118	-0.1-12.9 -953.03	1.54	2.19	-8.67 -957.97	-50.37	0.00	0.00	0.00
57	62	119	-0.5-12.5 -965.73	1.76	1.25	-8.38 -971.11	-55.43	0.00	0.00	0.00
57	63	120	-0.8-12.2 -978.09	2.06	2.18	-8.11 -981.95	-58.20	0.00	0.00	0.00
57	64	121	-1.2-11.9 -990.11	2.28	1.25	-7.84 -994.43	-62.61	0.00	0.00	0.00
57	65	122	-1.6-11.5-1001.81	2.35	2.17	-7.59-1004.88	-64.99	0.00	0.00	0.00
57	66	123	-2.0-11.2-1013.19	2.38	1.25	-7.35-1016.92	-68.95	0.00	0.00	0.00
57	67	124	-2.4-10.9-1024.26	2.37	2.16	-7.13-1026.85	-70.81	0.00	0.00	0.00
57	68	125	-2.8-10.6-1035.02	2.36	1.25	-6.91-1038.32	-74.21	0.00	0.00	0.00
57	69	126	-3.1-10.3-1045.48	2.26	2.15	-6.70-1047.77	-75.59	0.00	0.00	0.00
57	70	127	-3.5-10.0-1055.65	2.33	1.25	-6.51-1058.58	-78.33	0.00	0.00	0.00
57	71	128	-3.9 -9.7-1065.53	2.24	2.15	-6.32-1067.46	-79.14	-78.82	2.56	0.32
57	72	129	-4.3 -9.5-1075.14	2.34	1.25	-6.14-1077.69	-81.29	-81.36	2.27	-0.07
57	73	130	-4.6 -9.2-1084.47	2.17	2.14	-5.96-1086.12	-81.66	0.00	0.00	0.00
57	74	131	-5.0 -8.9-1093.53	2.08	1.25	-5.80-1096.00	-83.47	-83.75	1.80	-0.28
57	75	132	-5.3 -8.7-1102.33	1.74	2.13	-5.64-1104.10	-83.49	-83.74	1.49	-0.25
57	76	133	-5.7 -8.4-1110.88	1.36	1.25	-5.49-1113.76	-85.08	0.00	0.00	0.00
57	77	134	-6.0 -8.2-1119.17	0.86	2.12	-5.34-1121.53	-84.78	-85.25	0.39	-0.47
57	78	135	-6.4 -7.9-1127.22	0.18	1.25	-5.20-1131.00	-86.18	-86.67	-0.31	-0.49
57	79	136	-6.7 -7.7-1135.03	-0.67	2.12	-5.07-1138.66	-85.76	-86.03	-0.94	-0.27
57	80	137	-7.1 -7.5-1142.61	-2.22	1.25	-4.94-1148.52	-87.56	-87.13	-1.79	0.43
57	81	138	-7.4 -7.2-1149.96	-3.37	2.11	-4.82-1156.03	-87.00	-86.53	-2.90	0.47
57	82	139	-7.7 -7.0-1157.08	-4.50	1.25	-4.70-1165.03	-87.92	-87.24	-3.82	0.68
57	83	140	-8.1 -6.8-1163.98	-3.76	2.10	-4.58-1170.22	-85.04	-84.33	-3.05	0.71
57	84	141	-8.4 -6.6-1170.67	-2.73	1.25	-4.47-1176.62	-83.37	-82.98	-2.34	0.39
57	85	142	-8.7 -6.4-1177.14	-1.32	2.10	-4.37-1180.73	-79.41	-80.03	-1.94	-0.62
57	86	143	-9.0 -6.2-1183.41	-0.93	1.25	-4.27-1187.36	-77.97	-78.20	-1.16	-0.23
57	87	144	-9.3 -6.0-1189.48	-0.78	2.09	-4.17-1192.34	-74.87	-74.94	-0.85	-0.07
57	88	145	-9.6 -5.8-1195.35	-0.50	1.25	-4.07-1198.68	-73.14	-73.03	-0.39	0.11
57	89	146	-10.0 -5.6-1201.03	-0.02	2.08	-3.98-1202.95	-69.34	-69.18	0.14	0.16
57	90	147	-10.3 -5.4-1206.52	0.38	1.25	-3.90-1208.78	-67.11	-67.24	0.25	-0.13
57	91	148	-10.6 -5.2-1211.82	0.26	2.08	-3.81-1213.29	-63.54	-63.81	-0.01	-0.27
57	92	149	-10.9 -5.0-1216.94	0.32	1.25	-3.73-1219.10	-61.28	0.00	0.00	0.00
57	93	150	-11.2 -4.9-1221.88	0.15	2.07	-3.65-1223.31	-57.42	0.00	0.00	0.00
57	94	151	-11.4 -4.7-1226.65	0.43	1.25	-3.57-1228.55	-54.58	0.00	0.00	0.00
57	95	152	-11.7 -4.5-1231.25	0.37	2.07	-3.50-1232.31	-50.28	0.00	0.00	0.00

57	96	153-12.0	-4.3-1235.68	0.67	1.25	-3.43-1237.19	-47.08	0.00	0.00	0.00
57	97	154-12.3	-4.2-1239.95	0.56	2.06	-3.36-1240.69	-42.51	0.00	0.00	0.00
57	98	155-12.6	-4.0-1244.06	0.79	1.25	-3.29-1245.31	-39.06	0.00	0.00	0.00
57	99	156-12.9	-3.9-1248.01	0.63	2.06	-3.23-1248.55	-34.23	0.00	0.00	0.00
57	100	157-13.1	-3.7-1251.80	0.74	1.25	-3.17-1252.98	-30.59	0.00	0.00	0.00
57	101	158-13.4	-3.6-1255.45	0.38	2.05	-3.10-1256.12	-25.66	0.00	0.00	0.00
57	102	159-13.7	-3.4-1258.95	0.42	1.25	-3.05-1260.33	-21.79	0.00	0.00	0.00
57	103	160-13.9	-3.3-1262.30	0.38	2.05	-2.99-1262.86	-16.26	0.00	0.00	0.00
57	104	161-14.2	-3.1-1265.51	0.75	1.25	-2.93-1266.45	-11.77	0.00	0.00	0.00
57	105	162-14.5	-3.0-1268.59	0.84	2.04	-2.88-1268.59	-5.84	0.00	0.00	0.00
57	106	163-14.7	-2.9-1271.52	1.19	1.25	-2.83-1271.92	-1.10	0.00	0.00	0.00
57	107	164-15.0	-2.7-1274.33	1.15	2.04	-2.78-1273.92	4.97	0.00	0.00	0.00
57	108	165-15.2	-2.6-1277.00	1.42	1.25	-2.73-1277.07	9.90	0.00	0.00	0.00
57	109	166-15.5	-2.5-1279.55	1.36	2.03	-2.68-1278.84	16.20	0.00	0.00	0.00
57	110	167-15.7	-2.4-1281.97	1.52	1.25	-2.64-1281.84	21.27	0.00	0.00	0.00
57	111	168-15.9	-2.2-1284.27	1.26	2.03	-2.59-1283.57	27.61	0.00	0.00	0.00
57	112	169-16.2	-2.1-1286.45	1.29	1.25	-2.55-1286.46	32.79	0.00	0.00	0.00
57	113	170-16.4	-2.0-1288.51	0.84	2.03	-2.51-1288.15	39.17	0.00	0.00	0.00
57	114	171-16.6	-1.9-1290.45	0.92	1.25	-2.47-1290.75	44.64	0.00	0.00	0.00
57	115	172-16.9	-1.8-1292.28	0.50	2.02	-2.43-1292.19	51.28	0.00	0.00	0.00
57	116	173-17.1	-1.7-1294.00	0.37	1.25	-2.39-1294.77	56.76	0.00	0.00	0.00
57	117	174-17.3	-1.6-1295.62	-0.38	2.02	-2.35-1296.33	63.28	0.00	0.00	0.00
57	118	175-17.5	-1.5-1297.12	-0.50	1.25	-2.31-1298.69	68.99	0.00	0.00	0.00
57	119	176-17.7	-1.3-1298.52	-1.26	2.01	-2.28-1300.05	75.70	0.00	0.00	0.00
57	120	177-18.0	-1.2-1299.82	-0.95	1.25	-2.24-1301.77	82.05	0.00	0.00	0.00
57	121	178-18.2	-1.1-1301.03	-2.11	2.01	-2.21-1303.34	88.56	0.00	0.00	0.00
57	122	179-18.4	-1.1-1302.13	-2.65	1.25	-2.18-1305.71	94.26	0.00	0.00	0.00
57	123	180-18.6	-1.0-1303.14	-4.07	2.01	-2.14-1307.34	100.69	0.00	0.00	0.00
57	124	181-18.8	-0.9-1304.05	-4.82	1.25	-2.11-1309.74	106.37	0.00	0.00	0.00
57	125	182-19.0	-0.8-1304.87	-6.41	2.00	-2.08-1311.36	112.81	0.00	0.00	0.00
57	126	183-19.2	-0.7-1305.61	-6.92	1.25	-2.05-1313.33	118.92	0.00	0.00	0.00
57	127	184-19.4	-0.6-1306.26	-6.32	2.00	-2.02-1312.60	127.72	0.00	0.00	0.00
57	128	185-19.6	-0.5-1306.82	-5.13	1.25	-2.00-1312.69	135.70	0.00	0.00	0.00
57	129	186-19.7	-0.4-1307.29	-4.07	1.99	-1.97-1311.34	145.13	0.00	0.00	0.00
57	130	187-19.9	-0.4-1307.69	-2.98	1.25	-1.94-1311.36	153.17	0.00	0.00	0.00
57	131	188-20.1	-0.3-1308.01	-2.99	1.99	-1.91-1310.92	161.69	0.00	0.00	0.00
57	132	189-20.3	-0.2-1308.25	-2.37	1.25	-1.89-1311.26	169.42	0.00	0.00	0.00
57	133	190-20.5	-0.1-1308.41	-2.55	1.99	-1.86-1310.84	177.91	0.00	0.00	0.00
57	134	191	0.0 0.0 0.00	-1.95	1.25	-1.84 0.00 0.00	0.00	0.00	0.00	0.00
57	135	192	0.0 0.0 0.00	-2.08	1.98	-1.82 0.00 0.00	0.00	0.00	0.00	0.00
58	55	113	2.9-15.5 -866.58	1.04	1.26	-8.94 -873.22	-6.76	0.00	0.00	0.00
58	56	114	2.5-15.1 -881.90	1.32	0.00	-9.29 -889.87	-15.34	0.00	0.00	0.00
58	57	115	2.1-14.7 -896.83	1.40	1.25	-9.64 -903.82	-21.22	0.00	0.00	0.00
58	58	116	1.7-14.4 -911.37	1.28	0.00	-10.00 -920.09	-29.42	0.00	0.00	0.00
58	59	117	1.3-14.0 -925.55	1.19	1.23	-9.65 -932.77	-34.03	0.00	0.00	0.00
58	60	118	0.9-13.6 -939.35	1.05	0.00	-9.31 -947.61	-40.80	0.00	0.00	0.00
58	61	119	0.5-13.3 -952.80	1.17	1.22	-9.00 -959.40	-44.52	0.00	0.00	0.00
58	62	120	0.1-12.9 -965.89	1.36	0.00	-8.69 -973.23	-50.27	0.00	0.00	0.00
58	63	121	-0.3-12.6 -978.64	1.60	1.21	-8.41 -984.24	-53.22	0.00	0.00	0.00
58	64	122	-0.6-12.2 -991.06	1.83	0.00	-8.13 -997.36	-58.26	0.00	0.00	0.00
58	65	123	-1.0-11.9-1003.14	1.95	1.19	-7.87-1007.87	-60.70	0.00	0.00	0.00
58	66	124	-1.4-11.6-1014.91	2.06	0.00	-7.63-1020.47	-65.23	0.00	0.00	0.00
58	67	125	-1.8-11.3-1026.35	2.07	1.18	-7.39-1030.49	-67.18	0.00	0.00	0.00
58	68	126	-2.2-11.0-1037.49	2.14	0.00	-7.17-1042.52	-71.13	0.00	0.00	0.00
58	69	127	-2.5-10.7-1048.33	2.10	1.17	-6.95-1052.01	-72.55	0.00	0.00	0.00
58	70	128	-2.9-10.4-1058.87	2.24	0.00	-6.75-1063.38	-75.85	0.00	0.00	0.00
58	71	129	-3.3-10.1-1069.12	2.22	1.16	-6.55-1072.29	-76.69	0.00	0.00	0.00
58	72	130	-3.6 -9.8-1079.09	2.32	0.00	-6.36-1083.13	-79.46	0.00	0.00	0.00
58	73	131	-4.0 -9.6-1088.78	2.36	1.15	-6.18-1091.46	-79.71	-79.73	2.34	-0.02
58	74	132	-4.4 -9.3-1098.21	2.24	0.00	-6.01-1101.98	-82.16	0.00	0.00	0.00
58	75	133	-4.7 -9.0-1107.36	1.96	1.14	-5.85-1110.11	-82.22	0.00	0.00	0.00
58	76	134	-5.1 -8.8-1116.26	1.72	0.00	-5.69-1120.23	-84.27	-84.75	1.24	-0.48
58	77	135	-5.4 -8.5-1124.90	1.29	1.13	-5.54-1128.02	-83.99	-84.64	0.64	-0.65
58	78	136	-5.8 -8.3-1133.30	0.70	0.00	-5.39-1137.99	-85.89	-86.50	0.09	-0.61
58	79	137	-6.1 -8.0-1141.45	-0.12	1.12	-5.25-1145.70	-85.53	-85.90	-0.49	-0.37
58	80	138	-6.4 -7.8-1149.36	-1.57	0.00	-5.12-1156.05	-87.81	-87.57	-1.33	0.24

58	81	139	-6.8	-7.6	-1157.05	-2.72	1.11	-4.99	-1163.65	-87.33	-86.97	-2.36	0.36
58	82	140	-7.1	-7.3	-1164.50	-3.86	0.00	-4.87	-1173.23	-88.84	-88.09	-3.11	0.75
58	83	141	-7.4	-7.1	-1171.73	-3.11	1.10	-4.75	-1178.49	-86.03	-85.44	-2.52	0.59
58	84	142	-7.8	-6.9	-1178.74	-2.06	0.00	-4.63	-1185.43	-84.91	-84.54	-1.69	0.37
58	85	143	-8.1	-6.7	-1185.54	-0.79	1.09	-4.52	-1189.76	-81.16	-81.62	-1.25	-0.46
58	86	144	-8.4	-6.5	-1192.13	-0.47	0.00	-4.42	-1197.01	-80.34	-80.44	-0.57	-0.10
58	87	145	-8.7	-6.3	-1198.51	-0.30	1.08	-4.32	-1202.04	-77.30	-77.11	-0.11	0.19
58	88	146	-9.0	-6.1	-1204.69	-0.01	0.00	-4.22	-1208.92	-76.11	-75.72	0.38	0.39
58	89	147	-9.3	-5.9	-1210.68	0.40	1.08	-4.12	-1213.33	-72.44	-72.18	0.66	0.26
58	90	148	-9.6	-5.7	-1216.47	0.60	0.00	-4.03	-1219.90	-70.95	-70.43	1.12	0.52
58	91	149	-9.9	-5.5	-1222.07	0.31	1.07	-3.94	-1224.64	-67.61	-66.80	1.12	0.81
58	92	150	-10.2	-5.3	-1227.49	0.31	0.00	-3.86	-1231.04	-65.94	-64.99	1.26	0.95
58	93	151	-10.5	-5.1	-1232.73	0.06	1.06	-3.78	-1235.39	-62.22	0.00	0.00	0.00
58	94	152	-10.8	-5.0	-1237.79	0.28	0.00	-3.70	-1241.21	-59.97	0.00	0.00	0.00
58	95	153	-11.1	-4.8	-1242.68	0.16	1.05	-3.62	-1245.09	-55.78	0.00	0.00	0.00
58	96	154	-11.4	-4.6	-1247.40	0.40	0.00	-3.55	-1250.55	-53.16	0.00	0.00	0.00
58	97	155	-11.7	-4.5	-1251.95	0.24	1.04	-3.48	-1254.14	-48.68	0.00	0.00	0.00
58	98	156	-12.0	-4.3	-1256.34	0.45	0.00	-3.41	-1259.29	-45.76	0.00	0.00	0.00
58	99	157	-12.3	-4.1	-1260.56	0.29	1.04	-3.34	-1262.58	-40.98	0.00	0.00	0.00
58	100	158	-12.5	-4.0	-1264.63	0.46	0.00	-3.27	-1267.45	-37.78	0.00	0.00	0.00
58	101	159	-12.8	-3.8	-1268.55	0.11	1.03	-3.21	-1270.62	-32.88	0.00	0.00	0.00
58	102	160	-13.1	-3.7	-1272.32	0.30	0.00	-3.15	-1275.17	-29.35	0.00	0.00	0.00
58	103	161	-13.3	-3.5	-1275.94	0.14	1.02	-3.09	-1277.86	-23.98	0.00	0.00	0.00
58	104	162	-13.6	-3.4	-1279.41	0.62	0.00	-3.03	-1281.82	-19.87	0.00	0.00	0.00
58	105	163	-13.9	-3.3	-1282.74	0.67	1.02	-2.98	-1284.03	-14.00	0.00	0.00	0.00
58	106	164	-14.1	-3.1	-1285.93	1.04	0.00	-2.93	-1287.82	-9.72	0.00	0.00	0.00
58	107	165	-14.4	-3.0	-1288.99	1.02	1.01	-2.87	-1289.83	-3.66	0.00	0.00	0.00
58	108	166	-14.6	-2.9	-1291.91	1.34	0.00	-2.82	-1293.40	0.85	0.00	0.00	0.00
58	109	167	-14.9	-2.7	-1294.71	1.23	1.00	-2.77	-1295.25	7.07	0.00	0.00	0.00
58	110	168	-15.1	-2.6	-1297.37	1.43	0.00	-2.73	-1298.67	11.72	0.00	0.00	0.00
58	111	169	-15.3	-2.5	-1299.91	1.27	1.00	-2.68	-1300.32	18.14	0.00	0.00	0.00
58	112	170	-15.6	-2.4	-1302.33	1.34	0.00	-2.63	-1303.62	22.91	0.00	0.00	0.00
58	113	171	-15.8	-2.2	-1304.62	0.87	0.99	-2.59	-1305.35	29.25	0.00	0.00	0.00
58	114	172	-16.1	-2.1	-1306.80	0.96	0.00	-2.55	-1308.39	34.29	0.00	0.00	0.00
58	115	173	-16.3	-2.0	-1308.86	0.58	0.99	-2.51	-1309.80	40.94	0.00	0.00	0.00
58	116	174	-16.5	-1.9	-1310.81	0.51	0.00	-2.47	-1312.76	46.05	0.00	0.00	0.00
58	117	175	-16.7	-1.8	-1312.64	-0.16	0.98	-2.43	-1314.25	52.64	0.00	0.00	0.00
58	118	176	-17.0	-1.7	-1314.37	-0.23	0.00	-2.39	-1316.99	57.97	0.00	0.00	0.00
58	119	177	-17.2	-1.6	-1315.99	-0.62	0.98	-2.35	-1317.99	65.04	0.00	0.00	0.00
58	120	178	-17.4	-1.5	-1317.51	-0.51	0.00	-2.32	-1320.33	70.77	0.00	0.00	0.00
58	121	179	-17.6	-1.4	-1318.92	-1.57	0.97	-2.28	-1321.80	77.37	0.00	0.00	0.00
58	122	180	-17.8	-1.3	-1320.23	-2.13	0.00	-2.25	-1324.61	82.64	0.00	0.00	0.00
58	123	181	-18.0	-1.2	-1321.44	-3.44	0.97	-2.21	-1326.13	89.18	0.00	0.00	0.00
58	124	182	-18.2	-1.1	-1322.56	-4.29	0.00	-2.18	-1329.03	94.35	0.00	0.00	0.00
58	125	183	-18.4	-1.0	-1323.59	-5.85	0.96	-2.15	-1330.62	100.83	0.00	0.00	0.00
58	126	184	-18.6	-0.9	-1324.52	-6.39	0.00	-2.12	-1333.03	106.50	0.00	0.00	0.00
58	127	185	-18.8	-0.8	-1325.36	-5.61	0.95	-2.09	-1332.10	115.50	0.00	0.00	0.00
58	128	186	-19.0	-0.7	-1326.11	-4.65	0.00	-2.06	-1332.82	122.85	0.00	0.00	0.00
58	129	187	-19.2	-0.6	-1326.78	-3.40	0.95	-2.03	-1331.26	132.49	0.00	0.00	0.00
58	130	188	-19.4	-0.5	-1327.36	-2.42	0.00	-2.00	-1331.78	140.03	0.00	0.00	0.00
58	131	189	-19.6	-0.5	-1327.86	-2.48	0.95	-1.97	-1331.37	148.52	0.00	0.00	0.00
58	132	190	-19.8	-0.4	-1328.28	-1.87	0.00	-1.95	-1332.09	155.86	0.00	0.00	0.00
58	133	191	-19.9	-0.3	-1328.62	-1.97	0.94	-1.92	-1331.57	164.46	0.00	0.00	0.00
58	134	192	-20.1	-0.2	-1328.88	-0.94	0.00	-1.90	-1331.72	172.38	0.00	0.00	0.00
58	135	193	-20.3	-0.1	-1329.07	-1.50	0.94	-1.87	-1331.50	180.67	0.00	0.00	0.00
58	136	194	-20.5	-0.1	-1329.19	-1.52	0.00	-1.85	-1332.55	187.69	0.00	0.00	0.00
58	137	195	0.0	0.0	0.00	-1.70	0.93	-1.82	0.00	0.00	0.00	0.00	0.00
59	56	115	3.1	-15.5	-879.10	1.03	1.23	-8.96	-885.79	-3.99	0.00	0.00	0.00
59	57	116	2.7	-15.1	-894.43	1.00	2.20	-9.30	-900.53	-10.65	0.00	0.00	0.00
59	58	117	2.3	-14.8	-909.37	0.74	1.23	-9.65	-917.05	-19.10	0.00	0.00	0.00
59	59	118	1.9	-14.4	-923.95	0.59	2.45	-10.00	-930.91	-24.89	0.00	0.00	0.00
59	60	119	1.5	-14.0	-938.15	0.40	1.23	-9.65	-946.17	-32.07	0.00	0.00	0.00
59	61	120	1.1	-13.7	-951.99	0.42	2.18	-9.32	-958.71	-36.55	0.00	0.00	0.00
59	62	121	0.7	-13.3	-965.48	0.61	1.23	-9.01	-972.65	-42.41	0.00	0.00	0.00
59	63	122	0.3	-13.0	-978.62	0.86	2.17	-8.71	-984.30	-45.99	0.00	0.00	0.00
59	64	123	-0.1	-12.6	-991.42	1.15	1.23	-8.43	-997.47	-51.09	0.00	0.00	0.00

59	65	124	-0.5-12.3-1003.89	1.32	2.16	-8.16-1008.57	-54.12	0.00	0.00	0.00
59	66	125	-0.8-12.0-1016.03	1.49	1.23	-7.90-1021.22	-58.69	0.00	0.00	0.00
59	67	126	-1.2-11.7-1027.86	1.56	2.15	-7.66-1031.81	-61.21	0.00	0.00	0.00
59	68	127	-1.6-11.4-1039.37	1.66	1.23	-7.43-1043.91	-65.24	0.00	0.00	0.00
59	69	128	-2.0-11.1-1050.58	1.71	2.14	-7.20-1053.93	-67.20	0.00	0.00	0.00
59	70	129	-2.3-10.8-1061.49	1.87	1.23	-6.99-1065.38	-70.57	0.00	0.00	0.00
59	71	130	-2.7-10.5-1072.11	1.97	2.13	-6.79-1074.79	-71.91	0.00	0.00	0.00
59	72	131	-3.1-10.2-1082.45	2.20	1.23	-6.59-1085.60	-74.65	0.00	0.00	0.00
59	73	132	-3.4 -9.9-1092.50	2.21	2.13	-6.41-1094.57	-75.54	0.00	0.00	0.00
59	74	133	-3.8 -9.6-1102.28	2.26	1.23	-6.23-1105.01	-77.92	0.00	0.00	0.00
59	75	134	-4.1 -9.4-1111.79	2.19	2.12	-6.06-1113.53	-78.37	0.00	0.00	0.00
59	76	135	-4.5 -9.1-1121.04	2.07	1.23	-5.89-1123.62	-80.39	-80.92	1.54	-0.53
59	77	136	-4.8 -8.9-1130.03	1.63	2.11	-5.74-1132.02	-80.71	-81.37	0.97	-0.66
59	78	137	-5.2 -8.6-1138.76	1.16	1.23	-5.59-1141.96	-82.58	-83.20	0.54	-0.62
59	79	138	-5.5 -8.4-1147.26	0.39	2.10	-5.44-1150.20	-82.75	-83.14	0.00	-0.39
59	80	139	-5.8 -8.1-1155.51	-0.98	1.23	-5.30-1160.56	-85.04	-84.84	-0.78	0.20
59	81	140	-6.2 -7.9-1163.53	-2.07	2.10	-5.17-1168.67	-85.07	-84.70	-1.70	0.37
59	82	141	-6.5 -7.7-1171.31	-3.26	1.23	-5.04-1178.38	-86.71	-86.03	-2.58	0.68
59	83	142	-6.8 -7.4-1178.87	-2.51	2.09	-4.92-1184.20	-84.47	-83.80	-1.84	0.67
59	84	143	-7.2 -7.2-1186.20	-1.47	1.23	-4.80-1191.24	-83.43	-83.08	-1.12	0.35
59	85	144	-7.5 -7.0-1193.32	-0.34	2.08	-4.68-1196.26	-80.38	-80.76	-0.72	-0.38
59	86	145	-7.8 -6.8-1200.23	0.08	1.23	-4.57-1203.49	-79.54	-79.64	-0.02	-0.10
59	87	146	-8.1 -6.6-1206.93	0.20	2.08	-4.47-1209.12	-77.10	-76.75	0.55	0.35
59	88	147	-8.4 -6.4-1213.42	0.55	1.23	-4.37-1216.01	-75.91	-75.47	0.99	0.44
59	89	148	-8.7 -6.2-1219.72	0.65	2.07	-4.27-1221.26	-73.10	-72.49	1.26	0.61
59	90	149	-9.0 -6.0-1225.81	0.54	1.23	-4.17-1228.22	-71.98	-70.99	1.53	0.99
59	91	150	-9.3 -5.8-1231.72	0.22	2.07	-4.08-1233.52	-69.21	-68.00	1.43	1.21
59	92	151	-9.6 -5.6-1237.44	0.22	1.23	-3.99-1239.98	-67.60	0.00	0.00	0.00
59	93	152	-9.9 -5.4-1242.98	-0.08	2.06	-3.91-1244.90	-64.45	0.00	0.00	0.00
59	94	153	-10.2 -5.3-1248.33	0.06	1.23	-3.83-1250.86	-62.34	0.00	0.00	0.00
59	95	154	-10.5 -5.1-1253.51	-0.09	2.06	-3.75-1255.29	-58.69	0.00	0.00	0.00
59	96	155	-10.8 -4.9-1258.51	0.13	1.23	-3.67-1260.82	-56.15	0.00	0.00	0.00
59	97	156	-11.1 -4.7-1263.35	-0.02	2.05	-3.59-1264.91	-52.17	0.00	0.00	0.00
59	98	157	-11.4 -4.6-1268.01	0.20	1.23	-3.52-1270.10	-49.29	0.00	0.00	0.00
59	99	158	-11.7 -4.4-1272.52	0.06	2.04	-3.45-1273.87	-44.99	0.00	0.00	0.00
59	100	159	-11.9 -4.3-1276.86	0.12	1.23	-3.39-1278.90	-41.94	0.00	0.00	0.00
59	101	160	-12.2 -4.1-1281.05	-0.10	2.04	-3.32-1282.43	-37.41	0.00	0.00	0.00
59	102	161	-12.5 -4.0-1285.09	0.12	1.23	-3.26-1286.99	-33.90	0.00	0.00	0.00
59	103	162	-12.7 -3.8-1288.97	-0.02	2.03	-3.20-1290.15	-28.99	0.00	0.00	0.00
59	104	163	-13.0 -3.7-1292.71	0.35	1.23	-3.14-1294.26	-25.02	0.00	0.00	0.00
59	105	164	-13.3 -3.5-1296.30	0.53	2.03	-3.08-1296.82	-19.51	0.00	0.00	0.00
59	106	165	-13.5 -3.4-1299.75	0.88	1.23	-3.02-1300.66	-15.28	0.00	0.00	0.00
59	107	166	-13.8 -3.2-1303.06	0.91	2.03	-2.97-1303.09	-9.64	0.00	0.00	0.00
59	108	167	-14.0 -3.1-1306.24	1.26	1.23	-2.92-1306.66	-5.14	0.00	0.00	0.00
59	109	168	-14.3 -3.0-1309.28	1.23	2.02	-2.87-1308.89	0.70	0.00	0.00	0.00
59	110	169	-14.5 -2.8-1312.19	1.47	1.23	-2.82-1312.30	5.37	0.00	0.00	0.00
59	111	170	-14.8 -2.7-1314.97	1.34	2.02	-2.77-1314.38	11.36	0.00	0.00	0.00
59	112	171	-15.0 -2.6-1317.62	1.44	1.23	-2.72-1317.67	16.14	0.00	0.00	0.00
59	113	172	-15.2 -2.5-1320.16	1.11	2.01	-2.68-1319.71	22.17	0.00	0.00	0.00
59	114	173	-15.5 -2.3-1322.57	1.03	1.23	-2.63-1322.94	27.02	0.00	0.00	0.00
59	115	174	-15.7 -2.2-1324.86	0.69	2.01	-2.59-1324.75	33.27	0.00	0.00	0.00
59	116	175	-15.9 -2.1-1327.04	0.65	1.23	-2.55-1327.70	38.40	0.00	0.00	0.00
59	117	176	-16.2 -2.0-1329.10	0.04	2.00	-2.51-1329.56	44.61	0.00	0.00	0.00
59	118	177	-16.4 -1.9-1331.05	-0.04	1.23	-2.47-1332.32	49.92	0.00	0.00	0.00
59	119	178	-16.6 -1.8-1332.89	-0.40	2.00	-2.43-1333.72	56.59	0.00	0.00	0.00
59	120	179	-16.8 -1.7-1334.62	-0.26	1.23	-2.39-1336.04	62.34	0.00	0.00	0.00
59	121	180	-17.0 -1.6-1336.25	-1.25	2.00	-2.35-1337.86	68.59	0.00	0.00	0.00
59	122	181	-17.3 -1.5-1337.77	-1.71	1.23	-2.32-1340.57	73.95	0.00	0.00	0.00
59	123	182	-17.5 -1.4-1339.20	-3.10	1.99	-2.28-1342.59	80.01	0.00	0.00	0.00
59	124	183	-17.7 -1.3-1340.52	-3.91	1.23	-2.25-1345.45	85.22	0.00	0.00	0.00
59	125	184	-17.9 -1.2-1341.75	-5.40	1.99	-2.22-1347.38	91.36	0.00	0.00	0.00
59	126	185	-18.1 -1.1-1342.88	-5.96	1.23	-2.18-1349.79	97.02	0.00	0.00	0.00
59	127	186	-18.3 -1.0-1343.92	-5.20	1.99	-2.15-1349.29	105.59	0.00	0.00	0.00
59	128	187	-18.5 -0.9-1344.87	-4.13	1.23	-2.12-1349.89	113.06	0.00	0.00	0.00
59	129	188	-18.7 -0.8-1345.73	-2.95	1.98	-2.09-1348.79	122.24	0.00	0.00	0.00
59	130	189	-18.9 -0.7-1346.50	-2.14	1.23	-2.06-1349.47	129.63	0.00	0.00	0.00

59	131	190-19.1	-0.6-1347.18	-2.26	1.98	-2.04-1349.50	137.67	0.00	0.00	0.00
59	132	191-19.2	-0.6-1347.78	-1.62	1.23	-2.01-1350.18	145.06	0.00	0.00	0.00
59	133	192-19.4	-0.5-1348.30	-1.20	1.98	-1.98-1349.51	153.80	0.00	0.00	0.00
59	134	193-19.6	-0.4-1348.74	-0.65	1.23	-1.96-1350.12	161.26	0.00	0.00	0.00
59	135	194-19.8	-0.3-1349.11	-1.21	1.97	-1.93-1350.27	169.18	0.00	0.00	0.00
59	136	195-20.0	-0.2-1349.39	-1.15	1.23	-1.90-1351.21	176.31	0.00	0.00	0.00
59	137	196-20.1	-0.2-1349.60	-1.48	1.97	-1.88-1351.00	184.60	0.00	0.00	0.00
59	138	197-20.3	-0.1-1349.75	-1.31	1.23	-1.86-1351.68	191.99	0.00	0.00	0.00
59	139	198	0.0 0.0 0.00	-1.58	1.97	-1.83 0.00	0.00	0.00	0.00	0.00
60	58	118	2.8-15.2 -906.82	0.45	0.00	-9.31 -915.69	-10.46	0.00	0.00	0.00
60	59	119	2.4-14.8 -921.79	0.27	1.23	-9.65 -929.94	-16.64	0.00	0.00	0.00
60	60	120	2.0-14.4 -936.38	0.00	0.00	-10.00 -946.38	-25.01	0.00	0.00	0.00
60	61	121	1.7-14.1 -950.62	0.03	1.22	-9.66 -959.03	-29.58	0.00	0.00	0.00
60	62	122	1.3-13.7 -964.49	0.22	0.00	-9.33 -973.61	-36.09	0.00	0.00	0.00
60	63	123	0.9-13.4 -978.02	0.48	1.21	-9.03 -985.36	-39.77	0.00	0.00	0.00
60	64	124	0.5-13.0 -991.21	0.76	0.00	-8.73 -999.18	-45.52	0.00	0.00	0.00
60	65	125	0.1-12.7-1004.06	0.99	1.19	-8.45-1010.33	-48.60	0.00	0.00	0.00
60	66	126	-0.3-12.4-1016.58	1.18	0.00	-8.19-1023.59	-53.79	0.00	0.00	0.00
60	67	127	-0.6-12.0-1028.78	1.27	1.18	-7.93-1034.26	-56.39	0.00	0.00	0.00
60	68	128	-1.0-11.7-1040.67	1.40	0.00	-7.69-1046.96	-61.02	0.00	0.00	0.00
60	69	129	-1.4-11.4-1052.25	1.44	1.17	-7.46-1057.10	-63.09	0.00	0.00	0.00
60	70	130	-1.7-11.1-1063.53	1.64	0.00	-7.24-1069.13	-67.04	0.00	0.00	0.00
60	71	131	-2.1-10.8-1074.51	1.77	1.16	-7.03-1078.61	-68.45	0.00	0.00	0.00
60	72	132	-2.5-10.5-1085.21	2.03	0.00	-6.83-1090.00	-71.77	0.00	0.00	0.00
60	73	133	-2.8-10.3-1095.62	2.32	1.15	-6.63-1098.78	-72.48	0.00	0.00	0.00
60	74	134	-3.2-10.0-1105.75	2.41	0.00	-6.45-1109.79	-75.42	0.00	0.00	0.00
60	75	135	-3.5 -9.7-1115.62	2.30	1.14	-6.27-1118.45	-76.00	0.00	0.00	0.00
60	76	136	-3.9 -9.5-1125.21	2.21	0.00	-6.10-1129.10	-78.59	-79.16	1.64	-0.57
60	77	137	-4.2 -9.2-1134.55	1.90	1.13	-5.94-1137.46	-78.87	-79.51	1.26	-0.64
60	78	138	-4.6 -9.0-1143.63	1.50	0.00	-5.78-1147.92	-81.26	0.00	0.00	0.00
60	79	139	-4.9 -8.7-1152.47	0.72	1.12	-5.63-1156.26	-81.53	-82.06	0.19	-0.53
60	80	140	-5.2 -8.5-1161.05	-0.58	0.00	-5.49-1167.12	-84.32	-84.47	-0.73	-0.15
60	81	141	-5.6 -8.2-1169.40	-1.73	1.11	-5.35-1175.37	-84.50	-84.20	-1.43	0.30
60	82	142	-5.9 -8.0-1177.52	-2.88	0.00	-5.22-1185.62	-86.67	-85.96	-2.17	0.71
60	83	143	-6.2 -7.8-1185.40	-2.14	1.10	-5.09-1191.53	-84.52	-84.01	-1.63	0.51
60	84	144	-6.6 -7.5-1193.07	-1.04	0.00	-4.97-1199.07	-83.98	-83.76	-0.82	0.22
60	85	145	-6.9 -7.3-1200.51	0.10	1.09	-4.85-1204.16	-81.00	-81.44	-0.34	-0.44
60	86	146	-7.2 -7.1-1207.73	0.56	0.00	-4.73-1211.90	-80.67	-80.94	0.29	-0.27
60	87	147	-7.5 -6.9-1214.74	0.63	1.08	-4.62-1217.65	-78.35	-78.16	0.82	0.19
60	88	148	-7.8 -6.7-1221.55	0.85	0.00	-4.52-1225.22	-77.84	-77.42	1.27	0.42
60	89	149	-8.1 -6.5-1228.15	0.76	1.08	-4.42-1230.73	-75.29	-74.39	1.66	0.90
60	90	150	-8.4 -6.3-1234.56	0.54	0.00	-4.32-1238.33	-74.82	-73.69	1.67	1.13
60	91	151	-8.7 -6.1-1240.77	0.19	1.07	-4.22-1243.73	-72.14	-70.96	1.37	1.18
60	92	152	-9.0 -5.9-1246.78	0.11	0.00	-4.13-1250.81	-71.15	-70.16	1.10	0.99
60	93	153	-9.3 -5.7-1252.62	-0.17	1.06	-4.04-1255.77	-68.04	0.00	0.00	0.00
60	94	154	-9.6 -5.6-1258.26	-0.13	0.00	-3.96-1262.35	-66.55	0.00	0.00	0.00
60	95	155	-9.9 -5.4-1263.73	-0.30	1.05	-3.87-1266.85	-62.98	0.00	0.00	0.00
60	96	156	-10.2 -5.2-1269.02	-0.15	0.00	-3.79-1272.97	-61.02	0.00	0.00	0.00
60	97	157	-10.5 -5.0-1274.14	-0.33	1.04	-3.72-1277.14	-57.13	0.00	0.00	0.00
60	98	158	-10.8 -4.9-1279.09	-0.16	0.00	-3.64-1282.89	-54.81	0.00	0.00	0.00
60	99	159	-11.1 -4.7-1283.88	-0.33	1.04	-3.57-1286.74	-50.58	0.00	0.00	0.00
60	100	160	-11.3 -4.5-1288.50	-0.24	0.00	-3.50-1292.24	-48.00	0.00	0.00	0.00
60	101	161	-11.6 -4.4-1292.96	-0.53	1.03	-3.43-1295.89	-43.59	0.00	0.00	0.00
60	102	162	-11.9 -4.2-1297.26	-0.41	0.00	-3.37-1301.04	-40.67	0.00	0.00	0.00
60	103	163	-12.1 -4.1-1301.41	-0.49	1.02	-3.30-1304.18	-35.74	0.00	0.00	0.00
60	104	164	-12.4 -3.9-1305.41	-0.02	0.00	-3.24-1308.67	-32.16	0.00	0.00	0.00
60	105	165	-12.7 -3.8-1309.27	0.20	1.02	-3.18-1311.23	-26.64	0.00	0.00	0.00
60	106	166	-12.9 -3.6-1312.98	0.71	0.00	-3.12-1315.39	-22.73	0.00	0.00	0.00
60	107	167	-13.2 -3.5-1316.54	0.72	1.01	-3.07-1317.88	-17.15	0.00	0.00	0.00
60	108	168	-13.4 -3.4-1319.97	1.08	0.00	-3.01-1321.90	-13.10	0.00	0.00	0.00
60	109	169	-13.7 -3.2-1323.26	1.07	1.00	-2.96-1324.15	-7.27	0.00	0.00	0.00
60	110	170	-13.9 -3.1-1326.42	1.35	0.00	-2.91-1327.98	-3.03	0.00	0.00	0.00
60	111	171	-14.2 -3.0-1329.44	1.20	1.00	-2.86-1330.10	2.91	0.00	0.00	0.00
60	112	172	-14.4 -2.8-1332.34	1.32	0.00	-2.81-1333.83	7.26	0.00	0.00	0.00
60	113	173	-14.7 -2.7-1335.11	1.01	0.99	-2.76-1335.87	13.29	0.00	0.00	0.00
60	114	174	-14.9 -2.6-1337.76	0.99	0.00	-2.72-1339.49	17.74	0.00	0.00	0.00

60	115	175-15.1	-2.5-1340.29	0.69	0.99	-2.67-1341.28	24.02	0.00	0.00	0.00
60	116	176-15.4	-2.3-1342.69	0.69	0.00	-2.63-1344.63	28.74	0.00	0.00	0.00
60	117	177-15.6	-2.2-1344.98	0.29	0.98	-2.59-1346.30	35.15	0.00	0.00	0.00
60	118	178-15.8	-2.1-1347.16	0.17	0.00	-2.54-1349.53	39.98	0.00	0.00	0.00
60	119	179-16.0	-2.0-1349.22	0.39	0.98	-2.50-1350.36	47.23	0.00	0.00	0.00
60	120	180-16.3	-1.9-1351.18	0.01	0.00	-2.47-1353.63	52.03	0.00	0.00	0.00
60	121	181-16.5	-1.8-1353.02	-0.87	0.97	-2.43-1355.35	58.38	0.00	0.00	0.00
60	122	182-16.7	-1.7-1354.76	-1.33	0.00	-2.39-1358.48	63.32	0.00	0.00	0.00
60	123	183-16.9	-1.6-1356.40	-2.69	0.97	-2.36-1360.48	69.40	0.00	0.00	0.00
60	124	184-17.1	-1.5-1357.93	-3.50	0.00	-2.32-1363.75	74.20	0.00	0.00	0.00
60	125	185-17.3	-1.4-1359.36	-5.00	0.96	-2.29-1365.69	80.33	0.00	0.00	0.00
60	126	186-17.5	-1.3-1360.70	-5.48	0.00	-2.25-1368.43	85.66	0.00	0.00	0.00
60	127	187-17.7	-1.2-1361.94	-4.70	0.95	-2.22-1367.90	94.26	0.00	0.00	0.00
60	128	188-17.9	-1.1-1363.08	-3.74	0.00	-2.19-1369.01	101.22	0.00	0.00	0.00
60	129	189-18.1	-1.0-1364.14	-2.56	0.95	-2.16-1367.91	110.40	0.00	0.00	0.00
60	130	190-18.3	-0.9-1365.10	-1.79	0.00	-2.13-1369.02	117.35	0.00	0.00	0.00
60	131	191-18.5	-0.8-1365.98	-1.72	0.95	-2.10-1368.85	125.59	0.00	0.00	0.00
60	132	192-18.7	-0.7-1366.77	-1.03	0.00	-2.07-1369.87	132.65	0.00	0.00	0.00
60	133	193-18.9	-0.7-1367.47	-0.67	0.94	-2.04-1369.24	141.35	0.00	0.00	0.00
60	134	194-19.1	-0.6-1368.09	-0.21	0.00	-2.01-1370.32	148.34	0.00	0.00	0.00
60	135	195-19.3	-0.5-1368.63	-0.56	0.94	-1.99-1370.25	156.49	0.00	0.00	0.00
60	136	196-19.4	-0.4-1369.09	-0.59	0.00	-1.96-1371.65	163.16	0.00	0.00	0.00
60	137	197-19.6	-0.3-1369.48	-1.05	0.93	-1.94-1371.53	171.34	0.00	0.00	0.00
60	138	198-19.8	-0.3-1369.79	-0.90	0.00	-1.91-1372.60	178.35	0.00	0.00	0.00
60	139	199-20.0	-0.2-1370.02	-1.22	0.93	-1.89-1372.20	186.81	0.00	0.00	0.00
60	140	200-20.1	-0.1-1370.19	-1.10	0.00	-1.86-1373.15	193.94	0.00	0.00	0.00
60	141	201	0.0 0.0 0.00	-1.51	0.92	-1.84 0.00 0.00	0.00	0.00	0.00	0.00
61	59	120	3.0-15.2 -919.09	-0.02	2.18	-9.32 -926.25 -5.67	0.00	0.00	0.00	0.00
61	60	121	2.6-14.8 -934.07	-0.34	1.22	-9.66 -942.85 -14.20	0.00	0.00	0.00	0.00
61	61	122	2.2-14.4 -948.69	-0.36	2.42	-10.00 -956.63 -19.91	0.00	0.00	0.00	0.00
61	62	123	1.8-14.1 -962.95	-0.19	1.22	-9.66 -971.59 -26.79	0.00	0.00	0.00	0.00
61	63	124	1.4-13.7 -976.86	0.07	2.16	-9.35 -983.98 -31.11	0.00	0.00	0.00	0.00
61	64	125	1.1-13.4 -990.43	0.35	1.22	-9.04 -997.90 -36.96	0.00	0.00	0.00	0.00
61	65	126	0.7-13.1-1003.66	0.56	2.15	-8.75-1009.70 -40.69	0.00	0.00	0.00	0.00
61	66	127	0.3-12.7-1016.56	0.79	1.22	-8.48-1023.03 -45.94	0.00	0.00	0.00	0.00
61	67	128	-0.1-12.4-1029.13	0.92	2.14	-8.21-1034.29 -49.13	0.00	0.00	0.00	0.00
61	68	129	-0.4-12.1-1041.39	1.07	1.22	-7.96-1047.07 -53.84	0.00	0.00	0.00	0.00
61	69	130	-0.8-11.8-1053.34	1.12	2.13	-7.72-1057.81 -56.52	0.00	0.00	0.00	0.00
61	70	131	-1.2-11.5-1064.99	1.33	1.22	-7.49-1069.93 -60.56	0.00	0.00	0.00	0.00
61	71	132	-1.5-11.2-1076.33	1.41	2.12	-7.27-1080.07 -62.63	0.00	0.00	0.00	0.00
61	72	133	-1.9-10.9-1087.39	1.73	1.22	-7.07-1091.50 -65.99	0.00	0.00	0.00	0.00
61	73	134	-2.2-10.6-1098.15	1.99	2.12	-6.87-1100.91 -67.33	0.00	0.00	0.00	0.00
61	74	135	-2.6-10.3-1108.64	2.30	1.22	-6.67-1111.80 -70.14	0.00	0.00	0.00	0.00
61	75	136	-2.9-10.1-1118.86	2.17	2.11	-6.49-1121.07 -71.35	0.00	0.00	0.00	0.00
61	76	137	-3.3 -9.8-1128.80	2.23	1.22	-6.31-1131.67 -73.87	-73.83	2.27	0.04	
61	77	138	-3.6 -9.5-1138.48	2.12	2.10	-6.14-1140.41 -74.54	0.00	0.00	0.00	
61	78	139	-4.0 -9.3-1147.91	1.77	1.22	-5.98-1150.90 -76.97	-77.53	1.21	-0.56	
61	79	140	-4.3 -9.0-1157.08	1.09	2.09	-5.83-1159.73 -77.72	-78.38	0.43	-0.66	
61	80	141	-4.7 -8.8-1166.01	-0.15	1.22	-5.68-1170.62 -80.53	-80.47	-0.09	0.06	
61	81	142	-5.0 -8.6-1174.69	-1.24	2.09	-5.53-1179.38 -81.23	-81.09	-1.10	0.14	
61	82	143	-5.3 -8.3-1183.13	-2.45	1.22	-5.40-1189.76 -83.54	-82.97	-1.88	0.57	
61	83	144	-5.6 -8.1-1191.35	-1.70	2.08	-5.26-1196.23 -81.94	-81.43	-1.19	0.51	
61	84	145	-6.0 -7.9-1199.33	-0.61	1.22	-5.14-1203.86 -81.49	-81.28	-0.40	0.21	
61	85	146	-6.3 -7.6-1207.09	0.51	2.07	-5.01-1209.52 -79.09	-79.46	0.14	-0.37	
61	86	147	-6.6 -7.4-1214.64	0.86	1.22	-4.90-1217.45 -78.94	-79.05	0.75	-0.11	
61	87	148	-6.9 -7.2-1221.96	0.85	2.07	-4.78-1223.83 -77.25	-76.88	1.22	0.37	
61	88	149	-7.2 -7.0-1229.08	0.98	1.22	-4.67-1231.55 -76.90	-76.07	1.81	0.83	
61	89	150	-7.5 -6.8-1235.99	0.86	2.06	-4.57-1237.64 -74.91	-73.61	2.16	1.30	
61	90	151	-7.8 -6.6-1242.70	0.60	1.22	-4.46-1245.35 -74.55	-73.40	1.75	1.15	
61	91	152	-8.1 -6.4-1249.21	0.24	2.05	-4.37-1251.29 -72.42	-71.27	1.39	1.15	
61	92	153	-8.5 -6.2-1255.53	0.12	1.22	-4.27-1258.46 -71.53	-70.67	0.98	0.86	
61	93	154	-8.7 -6.0-1261.66	-0.22	2.05	-4.18-1264.01 -69.00	-68.41	0.37	0.59	
61	94	155	-9.0 -5.8-1267.60	-0.22	1.22	-4.09-1270.69 -67.61	0.00	0.00	0.00	
61	95	156	-9.3 -5.7-1273.36	-0.43	2.04	-4.00-1275.75 -64.60	0.00	0.00	0.00	
61	96	157	-9.6 -5.5-1278.94	-0.36	1.22	-3.92-1282.00 -62.78	0.00	0.00	0.00	
61	97	158	-9.9 -5.3-1284.35	-0.59	2.04	-3.84-1286.74 -59.44	0.00	0.00	0.00	

61	98	159-10.2	-5.1-1289.58	-0.49	1.22	-3.76-1292.61	-57.25	0.00	0.00	0.00
61	99	160-10.5	-5.0-1294.64	-0.71	2.03	-3.69-1297.01	-53.57	0.00	0.00	0.00
61	100	161-10.7	-4.8-1299.54	-0.64	1.22	-3.62-1302.57	-51.06	0.00	0.00	0.00
61	101	162-11.0	-4.7-1304.27	-0.92	2.03	-3.55-1306.71	-47.13	0.00	0.00	0.00
61	102	163-11.3	-4.5-1308.85	-0.80	1.22	-3.48-1311.91	-44.25	0.00	0.00	0.00
61	103	164-11.6	-4.3-1313.27	-0.86	2.02	-3.41-1315.52	-39.79	0.00	0.00	0.00
61	104	165-11.8	-4.2-1317.53	-0.42	1.22	-3.35-1320.08	-36.29	0.00	0.00	0.00
61	105	166-12.1	-4.0-1321.65	-0.17	2.02	-3.28-1323.09	-31.22	0.00	0.00	0.00
61	106	167-12.3	-3.9-1325.62	0.35	1.22	-3.22-1327.27	-27.34	0.00	0.00	0.00
61	107	168-12.6	-3.7-1329.44	0.52	2.01	-3.17-1330.07	-22.06	0.00	0.00	0.00
61	108	169-12.9	-3.6-1333.12	0.87	1.22	-3.11-1334.14	-18.06	0.00	0.00	0.00
61	109	170-13.1	-3.5-1336.66	0.87	2.01	-3.05-1336.84	-12.69	0.00	0.00	0.00
61	110	171-13.4	-3.3-1340.07	1.20	1.22	-3.00-1340.65	-8.43	0.00	0.00	0.00
61	111	172-13.6	-3.2-1343.34	1.15	2.00	-2.95-1343.14	-2.84	0.00	0.00	0.00
61	112	173-13.9	-3.1-1346.48	1.31	1.22	-2.90-1346.85	1.51	0.00	0.00	0.00
61	113	174-14.1	-2.9-1349.49	1.04	2.00	-2.85-1349.30	7.13	0.00	0.00	0.00
61	114	175-14.3	-2.8-1352.38	1.04	1.22	-2.80-1352.92	11.59	0.00	0.00	0.00
61	115	176-14.6	-2.7-1355.14	0.79	2.00	-2.76-1355.11	17.47	0.00	0.00	0.00
61	116	177-14.8	-2.6-1357.78	0.79	1.22	-2.71-1358.48	22.17	0.00	0.00	0.00
61	117	178-15.0	-2.5-1360.30	0.49	1.99	-2.67-1360.49	28.24	0.00	0.00	0.00
61	118	179-15.3	-2.3-1362.70	0.33	1.22	-2.63-1363.78	33.01	0.00	0.00	0.00
61	119	180-15.5	-2.2-1364.99	0.54	1.99	-2.58-1365.05	39.82	0.00	0.00	0.00
61	120	181-15.7	-2.1-1367.17	0.18	1.22	-2.54-1368.31	44.63	0.00	0.00	0.00
61	121	182-15.9	-2.0-1369.23	-0.71	1.98	-2.50-1370.46	50.55	0.00	0.00	0.00
61	122	183-16.1	-1.9-1371.19	-1.08	1.22	-2.47-1373.52	55.57	0.00	0.00	0.00
61	123	184-16.4	-1.8-1373.04	-2.32	1.98	-2.43-1375.81	61.35	0.00	0.00	0.00
61	124	185-16.6	-1.7-1374.78	-3.21	1.22	-2.39-1379.17	66.06	0.00	0.00	0.00
61	125	186-16.8	-1.6-1376.43	-4.68	1.98	-2.36-1381.49	71.81	0.00	0.00	0.00
61	126	187-17.0	-1.5-1377.97	-5.16	1.22	-2.32-1384.23	77.14	0.00	0.00	0.00
61	127	188-17.2	-1.4-1379.41	-4.36	1.97	-2.29-1384.09	85.35	0.00	0.00	0.00
61	128	189-17.4	-1.3-1380.76	-3.38	1.22	-2.26-1385.18	92.33	0.00	0.00	0.00
61	129	190-17.6	-1.2-1382.01	-2.45	1.97	-2.22-1384.72	100.86	0.00	0.00	0.00
61	130	191-17.8	-1.1-1383.17	-1.74	1.22	-2.19-1385.89	107.77	0.00	0.00	0.00
61	131	192-18.0	-1.0-1384.24	-1.40	1.97	-2.16-1385.84	115.89	0.00	0.00	0.00
61	132	193-18.2	-0.9-1385.22	-0.75	1.22	-2.13-1386.88	122.91	0.00	0.00	0.00
61	133	194-18.4	-0.8-1386.11	-0.30	1.96	-2.10-1386.55	131.31	0.00	0.00	0.00
61	134	195-18.6	-0.8-1386.92	0.03	1.22	-2.08-1387.74	138.19	0.00	0.00	0.00
61	135	196-18.7	-0.7-1387.64	-0.46	1.96	-2.05-1388.19	145.82	0.00	0.00	0.00
61	136	197-18.9	-0.6-1388.28	-0.40	1.22	-2.02-1389.48	152.60	0.00	0.00	0.00
61	137	198-19.1	-0.5-1388.84	-0.84	1.96	-1.99-1389.72	160.43	0.00	0.00	0.00
61	138	199-19.3	-0.4-1389.33	-0.70	1.22	-1.97-1390.78	167.45	0.00	0.00	0.00
61	139	200-19.5	-0.4-1389.73	-1.03	1.95	-1.94-1390.75	175.54	0.00	0.00	0.00
61	140	201-19.6	-0.3-1390.06	-0.95	1.22	-1.92-1391.71	182.65	0.00	0.00	0.00
61	141	202-19.8	-0.2-1390.32	-1.31	1.95	-1.89-1391.58	190.86	0.00	0.00	0.00
61	142	203-20.0	-0.1-1390.51	-1.56	1.22	-1.87-1392.72	197.79	0.00	0.00	0.00
61	143	204-20.1	-0.1-1390.62	-2.11	1.95	-1.85-1392.63	205.95	0.00	0.00	0.00
61	144	205	0.0 0.0 0.00	-2.24	1.22	-1.83 0.00 0.00	0.00	0.00	0.00	0.00
62	61	123	2.7-14.8 -946.22	-0.37	1.22	-9.66 -955.03	-11.03	0.00	0.00	0.00
62	62	124	2.4-14.5 -960.86	-0.20	0.00	-10.00 -971.06	-18.99	0.00	0.00	0.00
62	63	125	2.0-14.1 -975.15	0.04	1.21	-9.67 -983.58	-23.43	0.00	0.00	0.00
62	64	126	1.6-13.8 -989.10	0.39	0.00	-9.36 -998.06	-29.85	0.00	0.00	0.00
62	65	127	1.2-13.4 -1002.70	0.57	1.19	-9.06-1009.99	-33.71	0.00	0.00	0.00
62	66	128	0.9-13.1-1015.98	0.76	0.00	-8.77-1023.99	-39.63	0.00	0.00	0.00
62	67	129	0.5-12.8-1028.92	0.93	1.18	-8.50-1035.31	-42.88	0.00	0.00	0.00
62	68	130	0.1-12.5-1041.55	1.03	0.00	-8.24-1048.76	-48.26	0.00	0.00	0.00
62	69	131	-0.2-12.2-1053.86	1.12	1.17	-7.99-1059.56	-50.99	0.00	0.00	0.00
62	70	132	-0.6-11.9-1065.87	1.19	0.00	-7.75-1072.44	-55.79	0.00	0.00	0.00
62	71	133	-1.0-11.6-1077.58	1.38	1.16	-7.53-1082.57	-57.85	0.00	0.00	0.00
62	72	134	-1.3-11.3-1088.99	1.68	0.00	-7.31-1094.62	-61.83	0.00	0.00	0.00
62	73	135	-1.7-11.0-1100.11	1.89	1.15	-7.10-1104.18	-63.32	0.00	0.00	0.00
62	74	136	-2.0-10.7-1110.96	2.15	0.00	-6.90-1115.71	-66.78	0.00	0.00	0.00
62	75	137	-2.4-10.4-1121.52	2.10	1.14	-6.71-1124.99	-67.99	0.00	0.00	0.00
62	76	138	-2.7-10.2-1131.81	2.18	0.00	-6.53-1136.16	-71.09	0.00	0.00	0.00
62	77	139	-3.1 -9.9-1141.84	2.12	1.13	-6.36-1144.95	-71.80	-72.07	1.85	-0.27
62	78	140	-3.4 -9.6-1151.60	1.82	0.00	-6.19-1155.97	-74.76	0.00	0.00	0.00
62	79	141	-3.7 -9.4-1161.11	1.16	1.12	-6.03-1164.86	-75.57	-75.94	0.79	-0.37

62	80	142	-4.1	-9.1	-1170.37	0.00	0.00	-5.87	-1176.25	-78.89	-78.99	-0.10	-0.10
62	81	143	-4.4	-8.9	-1179.39	-1.09	1.11	-5.72	-1185.09	-79.66	-79.53	-0.96	0.13
62	82	144	-4.7	-8.7	-1188.16	-2.28	0.00	-5.58	-1196.02	-82.52	-81.97	-1.73	0.55
62	83	145	-5.1	-8.4	-1196.70	-1.51	1.10	-5.44	-1202.55	-80.98	-80.66	-1.19	0.32
62	84	146	-5.4	-8.2	-1205.01	-0.41	0.00	-5.31	-1210.73	-81.09	-81.00	-0.32	0.09
62	85	147	-5.7	-8.0	-1213.09	0.67	1.09	-5.18	-1216.51	-78.80	-79.28	0.19	-0.48
62	86	148	-6.0	-7.7	-1220.95	1.12	0.00	-5.06	-1224.89	-79.10	-79.35	0.87	-0.25
62	87	149	-6.3	-7.5	-1228.59	1.22	1.08	-4.94	-1231.23	-77.37	-77.15	1.44	0.22
62	88	150	-6.6	-7.3	-1236.02	1.31	0.00	-4.83	-1239.54	-77.61	-77.06	1.86	0.55
62	89	151	-7.0	-7.1	-1243.24	1.24	1.08	-4.72	-1245.65	-75.65	-74.59	2.30	1.06
62	90	152	-7.3	-6.9	-1250.26	0.90	0.00	-4.61	-1253.97	-75.90	-74.77	2.03	1.13
62	91	153	-7.6	-6.7	-1257.08	0.52	1.07	-4.51	-1260.00	-73.85	-72.57	1.80	1.28
62	92	154	-7.9	-6.5	-1263.69	0.38	0.00	-4.41	-1267.73	-73.51	-72.46	1.43	1.05
62	93	155	-8.2	-6.3	-1270.12	0.06	1.06	-4.32	-1273.32	-71.03	-70.20	0.89	0.83
62	94	156	-8.5	-6.1	-1276.35	-0.01	0.00	-4.23	-1280.59	-70.23	-69.37	0.85	0.86
62	95	157	-8.7	-6.0	-1282.41	-0.22	1.05	-4.14	-1285.71	-67.28	-66.77	0.29	0.51
62	96	158	-9.0	-5.8	-1288.27	-0.16	0.00	-4.05	-1292.48	-65.98	0.00	0.00	0.00
62	97	159	-9.3	-5.6	-1293.96	-0.48	1.04	-3.97	-1297.36	-62.79	0.00	0.00	0.00
62	98	160	-9.6	-5.4	-1299.48	-0.43	0.00	-3.89	-1303.79	-61.15	0.00	0.00	0.00
62	99	161	-9.9	-5.3	-1304.82	-0.73	1.04	-3.81	-1308.32	-57.60	0.00	0.00	0.00
62	100	162	-10.2	-5.1	-1309.99	-0.67	0.00	-3.73	-1314.40	-55.61	0.00	0.00	0.00
62	101	163	-10.4	-4.9	-1315.00	-0.97	1.03	-3.66	-1318.60	-51.74	0.00	0.00	0.00
62	102	164	-10.7	-4.8	-1319.85	-0.87	0.00	-3.59	-1324.31	-49.38	0.00	0.00	0.00
62	103	165	-11.0	-4.6	-1324.54	-0.93	1.02	-3.52	-1327.97	-44.96	0.00	0.00	0.00
62	104	166	-11.2	-4.5	-1329.07	-0.37	0.00	-3.46	-1332.90	-41.82	0.00	0.00	0.00
62	105	167	-11.5	-4.3	-1333.45	-0.15	1.02	-3.39	-1335.97	-36.83	0.00	0.00	0.00
62	106	168	-11.8	-4.2	-1337.68	0.23	0.00	-3.33	-1340.78	-33.56	0.00	0.00	0.00
62	107	169	-12.0	-4.0	-1341.76	0.30	1.01	-3.27	-1343.72	-28.43	0.00	0.00	0.00
62	108	170	-12.3	-3.9	-1345.70	0.62	0.00	-3.21	-1348.29	-24.93	0.00	0.00	0.00
62	109	171	-12.5	-3.7	-1349.49	0.63	1.00	-3.15	-1351.01	-19.58	0.00	0.00	0.00
62	110	172	-12.8	-3.6	-1353.15	0.96	0.00	-3.10	-1355.29	-15.78	0.00	0.00	0.00
62	111	173	-13.0	-3.4	-1356.67	0.88	1.00	-3.04	-1357.83	-10.26	0.00	0.00	0.00
62	112	174	-13.3	-3.3	-1360.05	1.05	0.00	-2.99	-1361.99	-6.35	0.00	0.00	0.00
62	113	175	-13.5	-3.2	-1363.31	0.79	0.99	-2.94	-1364.46	-0.75	0.00	0.00	0.00
62	114	176	-13.8	-3.1	-1366.43	0.82	0.00	-2.89	-1368.50	3.28	0.00	0.00	0.00
62	115	177	-14.0	-2.9	-1369.43	0.57	0.99	-2.84	-1370.72	9.14	0.00	0.00	0.00
62	116	178	-14.2	-2.8	-1372.30	0.70	0.00	-2.80	-1374.40	13.53	0.00	0.00	0.00
62	117	179	-14.5	-2.7	-1375.06	0.50	0.98	-2.75	-1376.33	19.68	0.00	0.00	0.00
62	118	180	-14.7	-2.6	-1377.69	0.37	0.00	-2.71	-1380.02	24.05	0.00	0.00	0.00
62	119	181	-14.9	-2.5	-1380.20	0.56	0.98	-2.66	-1381.33	30.82	0.00	0.00	0.00
62	120	182	-15.2	-2.3	-1382.60	0.23	0.00	-2.62	-1384.99	35.22	0.00	0.00	0.00
62	121	183	-15.4	-2.2	-1384.89	-0.53	0.97	-2.58	-1387.03	41.26	0.00	0.00	0.00
62	122	184	-15.6	-2.1	-1387.06	-0.92	0.00	-2.54	-1390.52	45.84	0.00	0.00	0.00
62	123	185	-15.8	-2.0	-1389.13	-2.12	0.97	-2.50	-1392.79	51.65	0.00	0.00	0.00
62	124	186	-16.0	-1.9	-1391.09	-2.95	0.00	-2.47	-1396.50	56.00	0.00	0.00	0.00
62	125	187	-16.2	-1.8	-1392.94	-4.35	0.96	-2.43	-1398.76	61.81	0.00	0.00	0.00
62	126	188	-16.4	-1.7	-1394.69	-4.80	0.00	-2.39	-1401.88	66.76	0.00	0.00	0.00
62	127	189	-16.7	-1.6	-1396.34	-4.00	0.95	-2.36	-1401.74	74.97	0.00	0.00	0.00
62	128	190	-16.9	-1.5	-1397.89	-3.02	0.00	-2.32	-1403.24	81.55	0.00	0.00	0.00
62	129	191	-17.1	-1.4	-1399.35	-2.10	0.95	-2.29	-1402.79	90.07	0.00	0.00	0.00
62	130	192	-17.3	-1.3	-1400.70	-1.38	0.00	-2.26	-1404.34	96.59	0.00	0.00	0.00
62	131	193	-17.5	-1.2	-1401.97	-0.93	0.95	-2.23	-1404.18	104.82	0.00	0.00	0.00
62	132	194	-17.7	-1.1	-1403.14	-0.22	0.00	-2.20	-1405.56	111.51	0.00	0.00	0.00
62	133	195	-17.8	-1.0	-1404.23	0.12	0.94	-2.17	-1405.33	119.81	0.00	0.00	0.00
62	134	196	-18.0	-0.9	-1405.22	0.51	0.00	-2.14	-1406.85	126.37	0.00	0.00	0.00
62	135	197	-18.2	-0.9	-1406.13	-0.02	0.94	-2.11	-1407.32	133.96	0.00	0.00	0.00
62	136	198	-18.4	-0.8	-1406.95	-0.03	0.00	-2.08	-1409.07	140.29	0.00	0.00	0.00
62	137	199	-18.6	-0.7	-1407.70	-0.34	0.93	-2.05	-1409.16	148.27	0.00	0.00	0.00
62	138	200	-18.8	-0.6	-1408.36	-0.20	0.00	-2.03	-1410.58	154.92	0.00	0.00	0.00
62	139	201	-18.9	-0.5	-1408.94	-0.60	0.93	-2.00	-1410.61	162.96	0.00	0.00	0.00
62	140	202	-19.1	-0.5	-1409.44	-0.39	0.00	-1.98	-1411.80	169.84	0.00	0.00	0.00
62	141	203	-19.3	-0.4	-1409.87	-0.87	0.92	-1.95	-1411.76	177.95	0.00	0.00	0.00
62	142	204	-19.5	-0.3	-1410.22	-0.75	0.00	-1.93	-1412.90	184.89	0.00	0.00	0.00
62	143	205	-19.6	-0.2	-1410.50	-1.71	0.92	-1.90	-1413.19	192.67	0.00	0.00	0.00
62	144	206	-19.8	-0.2	-1410.71	-1.85	0.00	-1.88	-1414.44	199.49	0.00	0.00	0.00
62	145	207	-19.9	-0.1	-1410.85	-2.72	0.91	-1.86	-1414.51	207.49	0.00	0.00	0.00

62	146	208	0.0	0.0	0.00	-2.77	0.00	-1.83	0.00	0.00	0.00	0.00	0.00
63	62	125	2.9-14.8	-958.24	-0.16	1.21	-9.67	-966.86	-7.51	0.00	0.00	0.00	0.00
63	63	126	2.5-14.5	-972.90	0.17	2.39	-10.00	-980.35	-12.92	0.00	0.00	0.00	0.00
63	64	127	2.1-14.1	-987.22	0.37	1.21	-9.67	-995.32	-19.82	0.00	0.00	0.00	0.00
63	65	128	1.8-13.8	-1001.20	0.49	2.14	-9.36	-1007.93	-24.37	0.00	0.00	0.00	0.00
63	66	129	1.4-13.5	-1014.84	0.62	1.21	-9.07	-1022.09	-30.45	0.00	0.00	0.00	0.00
63	67	130	1.0-13.2	-1028.16	0.73	2.13	-8.79	-1034.08	-34.38	0.00	0.00	0.00	0.00
63	68	131	0.7-12.8	-1041.15	0.76	1.21	-8.52	-1047.70	-39.92	0.00	0.00	0.00	0.00
63	69	132	0.3-12.5	-1053.83	0.78	2.12	-8.26	-1059.19	-43.34	0.00	0.00	0.00	0.00
63	70	133	0.0-12.2	-1066.20	0.86	1.21	-8.02	-1072.15	-48.22	0.00	0.00	0.00	0.00
63	71	134	-0.4-11.9	-1078.26	1.07	2.11	-7.78	-1082.86	-50.87	0.00	0.00	0.00	0.00
63	72	135	-0.8-11.6	-1090.03	1.37	1.21	-7.56	-1095.01	-54.95	0.00	0.00	0.00	0.00
63	73	136	-1.1-11.3	-1101.51	1.65	2.11	-7.34	-1105.10	-56.96	0.00	0.00	0.00	0.00
63	74	137	-1.5-11.0	-1112.70	1.97	1.21	-7.14	-1116.66	-60.45	0.00	0.00	0.00	0.00
63	75	138	-1.8-10.8	-1123.61	1.93	2.10	-6.94	-1126.52	-62.24	0.00	0.00	0.00	0.00
63	76	139	-2.2-10.5	-1134.25	1.94	1.21	-6.75	-1137.85	-65.50	0.00	0.00	0.00	0.00
63	77	140	-2.5-10.2	-1144.62	2.04	2.09	-6.57	-1147.06	-66.63	0.00	0.00	0.00	0.00
63	78	141	-2.8-10.0	-1154.72	1.89	1.21	-6.40	-1158.02	-69.53	-69.91	1.51	-0.38	
63	79	142	-3.2	-9.7-1164.57	1.27	2.08	-6.23	-1167.45	-70.88	-71.59	0.56	-0.71	
63	80	143	-3.5	-9.5-1174.16	0.21	1.21	-6.07	-1178.82	-74.18	-74.38	0.01	-0.20	
63	81	144	-3.8	-9.2-1183.51	-0.77	2.08	-5.92	-1188.12	-75.41	-75.65	-1.01	-0.24	
63	82	145	-4.2	-9.0-1192.61	-2.00	1.21	-5.77	-1199.17	-78.39	-78.00	-1.61	0.39	
63	83	146	-4.5	-8.7-1201.48	-1.13	2.07	-5.63	-1206.16	-77.31	-77.13	-0.95	0.18	
63	84	147	-4.8	-8.5-1210.11	-0.13	1.21	-5.49	-1214.52	-77.60	-77.56	-0.09	0.04	
63	85	148	-5.1	-8.3-1218.51	0.85	2.06	-5.36	-1220.95	-75.96	-76.24	0.57	-0.28	
63	86	149	-5.4	-8.1-1226.69	1.18	1.21	-5.23	-1229.53	-76.46	-76.45	1.19	0.01	
63	87	150	-5.8	-7.8-1234.64	1.32	2.06	-5.11	-1236.37	-75.24	-74.80	1.76	0.44	
63	88	151	-6.1	-7.6-1242.38	1.39	1.21	-4.99	-1244.78	-75.57	-74.66	2.30	0.91	
63	89	152	-6.4	-7.4-1249.91	1.28	2.05	-4.88	-1251.46	-74.18	-72.90	2.56	1.28	
63	90	153	-6.7	-7.2-1257.23	1.02	1.21	-4.77	-1259.77	-74.42	-73.38	2.06	1.04	
63	91	154	-7.0	-7.0-1264.35	0.70	2.04	-4.66	-1266.27	-72.85	-71.75	1.80	1.10	
63	92	155	-7.3	-6.8-1271.27	0.54	1.21	-4.56	-1274.08	-72.59	-71.83	1.30	0.76	
63	93	156	-7.6	-6.6-1277.99	0.25	2.04	-4.46	-1280.16	-70.60	-70.10	0.75	0.50	
63	94	157	-7.9	-6.4-1284.52	0.21	1.21	-4.36	-1287.47	-69.83	-69.47	0.57	0.36	
63	95	158	-8.2	-6.2-1290.86	-0.08	2.03	-4.27	-1293.18	-67.47	-67.21	0.18	0.26	
63	96	159	-8.5	-6.1-1297.02	-0.08	1.21	-4.18	-1300.08	-66.30	-66.06	0.16	0.24	
63	97	160	-8.7	-5.9-1303.00	-0.42	2.03	-4.10	-1305.49	-63.64	0.00	0.00	0.00	
63	98	161	-9.0	-5.7-1308.80	-0.45	1.21	-4.01	-1312.05	-62.13	0.00	0.00	0.00	
63	99	162	-9.3	-5.5-1314.42	-0.72	2.02	-3.93	-1317.05	-59.05	0.00	0.00	0.00	
63	100	163	-9.6	-5.4-1319.87	-0.72	1.21	-3.85	-1323.24	-57.17	0.00	0.00	0.00	
63	101	164	-9.9	-5.2-1325.16	-1.03	2.02	-3.78	-1327.95	-53.81	0.00	0.00	0.00	
63	102	165	-10.1	-5.0-1330.27	-0.98	1.21	-3.71	-1333.75	-51.54	0.00	0.00	0.00	
63	103	166	-10.4	-4.9-1335.23	-1.09	2.01	-3.63	-1337.94	-47.66	0.00	0.00	0.00	
63	104	167	-10.7	-4.7-1340.03	-0.71	1.21	-3.57	-1343.10	-44.75	0.00	0.00	0.00	
63	105	168	-10.9	-4.6-1344.68	-0.56	2.01	-3.50	-1346.73	-40.30	0.00	0.00	0.00	
63	106	169	-11.2	-4.4-1349.16	-0.06	1.21	-3.43	-1351.45	-36.96	0.00	0.00	0.00	
63	107	170	-11.5	-4.3-1353.51	0.01	2.00	-3.37	-1354.86	-32.30	0.00	0.00	0.00	
63	108	171	-11.7	-4.1-1357.70	0.32	1.21	-3.31	-1359.48	-28.85	0.00	0.00	0.00	
63	109	172	-12.0	-4.0-1361.75	0.34	2.00	-3.25	-1362.66	-23.95	0.00	0.00	0.00	
63	110	173	-12.2	-3.8-1365.65	0.69	1.21	-3.19	-1366.95	-20.17	0.00	0.00	0.00	
63	111	174	-12.5	-3.7-1369.42	0.68	1.99	-3.14	-1369.89	-15.04	0.00	0.00	0.00	
63	112	175	-12.7	-3.6-1373.05	0.92	1.21	-3.09	-1374.01	-11.09	0.00	0.00	0.00	
63	113	176	-13.0	-3.4-1376.55	0.71	1.99	-3.03	-1376.88	-5.89	0.00	0.00	0.00	
63	114	177	-13.2	-3.3-1379.92	0.78	1.21	-2.98	-1380.91	-1.84	0.00	0.00	0.00	
63	115	178	-13.4	-3.2-1383.15	0.50	1.98	-2.93	-1383.60	3.54	0.00	0.00	0.00	
63	116	179	-13.7	-3.0-1386.26	0.67	1.21	-2.88	-1387.27	7.94	0.00	0.00	0.00	
63	117	180	-13.9	-2.9-1389.25	0.47	1.98	-2.84	-1389.63	13.65	0.00	0.00	0.00	
63	118	181	-14.1	-2.8-1392.11	0.44	1.21	-2.79	-1393.25	18.10	0.00	0.00	0.00	
63	119	182	-14.4	-2.7-1394.85	0.54	1.98	-2.75	-1395.08	24.34	0.00	0.00	0.00	
63	120	183	-14.6	-2.6-1397.48	0.20	1.21	-2.70	-1398.77	28.72	0.00	0.00	0.00	
63	121	184	-14.8	-2.4-1399.98	-0.52	1.97	-2.66	-1401.19	34.37	0.00	0.00	0.00	
63	122	185	-15.0	-2.3-1402.38	-0.84	1.21	-2.62	-1404.64	39.00	0.00	0.00	0.00	
63	123	186	-15.3	-2.2-1404.67	-1.98	1.97	-2.58	-1407.26	44.45	0.00	0.00	0.00	
63	124	187	-15.5	-2.1-1406.84	-2.67	1.21	-2.54	-1410.84	48.94	0.00	0.00	0.00	
63	125	188	-15.7	-2.0-1408.91	-4.15	1.97	-2.50	-1413.60	54.26	0.00	0.00	0.00	
63	126	189	-15.9	-1.9-1410.87	-4.58	1.21	-2.47	-1416.71	59.21	0.00	0.00	0.00	

63	127	190-16.1	-1.8-1412.73	-3.75	1.96	-2.43-1416.95	67.05	0.00	0.00	0.00
63	128	191-16.3	-1.7-1414.48	-2.76	1.21	-2.39-1418.43	73.63	0.00	0.00	0.00
63	129	192-16.5	-1.6-1416.14	-2.00	1.96	-2.36-1418.55	81.59	0.00	0.00	0.00
63	130	193-16.7	-1.5-1417.70	-1.30	1.21	-2.33-1420.12	88.08	0.00	0.00	0.00
63	131	194-16.9	-1.4-1419.17	-0.60	1.95	-2.29-1420.11	96.17	0.00	0.00	0.00
63	132	195-17.1	-1.3-1420.54	0.03	1.21	-2.26-1421.56	102.79	0.00	0.00	0.00
63	133	196-17.3	-1.2-1421.81	0.40	1.95	-2.23-1421.69	110.73	0.00	0.00	0.00
63	134	197-17.5	-1.1-1423.00	0.68	1.21	-2.20-1423.32	117.18	0.00	0.00	0.00
63	135	198-17.7	-1.1-1424.10	0.23	1.95	-2.17-1424.09	124.47	0.00	0.00	0.00
63	136	199-17.9	-1.0-1425.11	0.29	1.21	-2.14-1425.75	130.88	0.00	0.00	0.00
63	137	200-18.1	-0.9-1426.03	-0.08	1.94	-2.11-1426.28	138.42	0.00	0.00	0.00
63	138	201-18.3	-0.8-1426.88	0.07	1.21	-2.09-1427.69	145.10	0.00	0.00	0.00
63	139	202-18.4	-0.7-1427.63	-0.27	1.94	-2.06-1428.02	152.83	0.00	0.00	0.00
63	140	203-18.6	-0.6-1428.31	-0.19	1.21	-2.03-1429.33	159.59	0.00	0.00	0.00
63	141	204-18.8	-0.6-1428.91	-0.64	1.94	-2.01-1429.62	167.37	0.00	0.00	0.00
63	142	205-19.0	-0.5-1429.44	-0.92	1.21	-1.98-1431.13	173.93	0.00	0.00	0.00
63	143	206-19.1	-0.4-1429.88	-1.48	1.93	-1.96-1431.39	181.75	0.00	0.00	0.00
63	144	207-19.3	-0.3-1430.26	-1.62	1.21	-1.93-1432.60	188.60	0.00	0.00	0.00
63	145	208-19.5	-0.3-1430.56	-2.51	1.93	-1.91-1433.05	196.23	0.00	0.00	0.00
63	146	209-19.6	-0.2-1430.79	-2.69	1.21	-1.89-1434.16	203.19	0.00	0.00	0.00
63	147	210-19.8	-0.1-1430.95	-3.09	1.93	-1.86-1433.98	211.44	0.00	0.00	0.00
63	148	211	0.0 0.0 0.00	-2.98	1.21	-1.84 0.00 0.00	0.00	0.00	0.00	0.00
64	64	128	2.7-14.5 -984.81	0.60	0.00	-10.00 -994.21	-11.44	0.00	0.00	0.00
64	65	129	2.3-14.2 -999.16	0.65	1.19	-9.68-1006.99	-16.15	0.00	0.00	0.00
64	66	130	1.9-13.8-1013.17	0.71	0.00	-9.37-1021.83	-22.92	0.00	0.00	0.00
64	67	131	1.6-13.5-1026.85	0.77	1.18	-9.08-1033.98	-26.99	0.00	0.00	0.00
64	68	132	1.2-13.2-1040.20	0.67	0.00	-8.80-1048.34	-33.28	0.00	0.00	0.00
64	69	133	0.9-12.9-1053.24	0.65	1.17	-8.54-1059.96	-36.83	0.00	0.00	0.00
64	70	134	0.5-12.6-1065.97	0.70	0.00	-8.29-1073.56	-42.35	0.00	0.00	0.00
64	71	135	0.1-12.3-1078.39	0.89	1.16	-8.04-1084.39	-45.11	0.00	0.00	0.00
64	72	136	-0.2-12.0-1090.51	1.20	0.00	-7.81-1097.12	-49.78	0.00	0.00	0.00
64	73	137	-0.6-11.7-1102.34	1.47	1.15	-7.59-1107.31	-51.90	0.00	0.00	0.00
64	74	138	-0.9-11.4-1113.88	1.58	0.00	-7.38-1119.68	-56.19	0.00	0.00	0.00
64	75	139	-1.2-11.1-1125.14	1.73	1.14	-7.17-1129.45	-57.89	0.00	0.00	0.00
64	76	140	-1.6-10.8-1136.12	1.70	0.00	-6.98-1141.40	-61.77	0.00	0.00	0.00
64	77	141	-1.9-10.6-1146.83	2.55	1.13	-6.79-1149.94	-62.24	0.00	0.00	0.00
64	78	142	-2.3-10.3-1157.28	1.69	0.00	-6.61-1162.20	-66.42	0.00	0.00	0.00
64	79	143	-2.6-10.1-1167.46	1.08	1.12	-6.44-1171.70	-67.85	0.00	0.00	0.00
64	80	144	-2.9 -9.8-1177.39	0.20	0.00	-6.27-1183.46	-71.54	0.00	0.00	0.00
64	81	145	-3.3 -9.5-1187.06	-0.90	1.11	-6.11-1192.96	-72.98	-72.95	-0.87	0.03
64	82	146	-3.6 -9.3-1196.49	-2.06	0.00	-5.96-1204.51	-76.45	-76.10	-1.71	0.35
64	83	147	-3.9 -9.1-1205.68	-1.17	1.10	-5.81-1211.56	-75.43	-75.37	-1.11	0.06
64	84	148	-4.2 -8.8-1214.63	-0.15	0.00	-5.67-1220.45	-76.25	-76.28	-0.18	-0.03
64	85	149	-4.6 -8.6-1223.35	0.85	1.09	-5.53-1226.95	-74.67	-75.14	0.38	-0.47
64	86	150	-4.9 -8.4-1231.85	1.30	0.00	-5.40-1235.95	-75.60	-75.77	1.13	-0.17
64	87	151	-5.2 -8.2-1240.12	1.51	1.08	-5.27-1242.80	-74.38	-74.20	1.69	0.18
64	88	152	-5.5 -7.9-1248.17	1.59	0.00	-5.15-1251.73	-75.24	-74.72	2.11	0.52
64	89	153	-5.8 -7.7-1256.01	1.58	1.08	-5.03-1258.39	-73.83	-72.89	2.52	0.94
64	90	154	-6.1 -7.5-1263.63	1.33	0.00	-4.92-1267.23	-74.60	-73.72	2.21	0.88
64	91	155	-6.4 -7.3-1271.05	1.05	1.07	-4.81-1273.75	-73.05	-72.08	2.02	0.97
64	92	156	-6.7 -7.1-1278.27	0.89	0.00	-4.71-1282.09	-73.32	-72.54	1.67	0.78
64	93	157	-7.0 -6.9-1285.29	0.62	1.06	-4.60-1288.22	-71.37	-70.83	1.16	0.54
64	94	158	-7.3 -6.7-1292.12	0.56	0.00	-4.50-1296.06	-71.15	-70.70	1.01	0.45
64	95	159	-7.6 -6.5-1298.75	0.26	1.05	-4.41-1301.85	-68.86	-68.57	0.55	0.29
64	96	160	-7.9 -6.3-1305.20	0.21	0.00	-4.32-1309.30	-68.24	-67.95	0.50	0.29
64	97	161	-8.2 -6.2-1311.46	-0.13	1.04	-4.23-1314.77	-65.64	-65.52	-0.01	0.12
64	98	162	-8.5 -6.0-1317.54	-0.19	0.00	-4.14-1321.87	-64.67	-64.29	0.19	0.38
64	99	163	-8.7 -5.8-1323.44	-0.52	1.04	-4.06-1326.98	-61.71	0.00	0.00	0.00
64	100	164	-9.0 -5.6-1329.17	-0.56	0.00	-3.98-1333.71	-60.37	0.00	0.00	0.00
64	101	165	-9.3 -5.5-1334.73	-0.90	1.03	-3.90-1338.50	-57.08	0.00	0.00	0.00
64	102	166	-9.6 -5.3-1340.13	-0.82	0.00	-3.82-1344.77	-55.28	0.00	0.00	0.00
64	103	167	-9.8 -5.1-1345.35	-1.00	1.02	-3.75-1349.08	-51.52	0.00	0.00	0.00
64	104	168-10.1	-5.0-1350.42	-0.65	0.00	-3.68-1354.75	-49.12	0.00	0.00	0.00
64	105	169-10.4	-4.8-1355.33	-0.55	1.02	-3.61-1358.47	-44.77	0.00	0.00	0.00
64	106	170-10.6	-4.7-1360.08	-0.28	0.00	-3.54-1363.90	-42.13	0.00	0.00	0.00
64	107	171-10.9	-4.5-1364.68	-0.30	1.01	-3.48-1367.45	-37.60	0.00	0.00	0.00

64	108	172-11.1	-4.4-1369.13	-0.02	0.00	-3.41-1372.57	-34.65	0.00	0.00	0.00
64	109	173-11.4	-4.2-1373.43	-0.02	1.00	-3.35-1375.80	-29.82	0.00	0.00	0.00
64	110	174-11.7	-4.1-1377.59	0.29	0.00	-3.29-1380.60	-26.54	0.00	0.00	0.00
64	111	175-11.9	-3.9-1381.61	0.28	1.00	-3.24-1383.57	-21.44	0.00	0.00	0.00
64	112	176-12.2	-3.8-1385.49	0.52	0.00	-3.18-1388.15	-17.95	0.00	0.00	0.00
64	113	177-12.4	-3.7-1389.23	0.33	0.99	-3.13-1391.03	-12.76	0.00	0.00	0.00
64	114	178-12.6	-3.5-1392.84	0.45	0.00	-3.07-1395.46	-9.12	0.00	0.00	0.00
64	115	179-12.9	-3.4-1396.31	0.23	0.99	-3.02-1398.12	-3.70	0.00	0.00	0.00
64	116	180-13.1	-3.3-1399.66	0.44	0.00	-2.97-1402.19	0.29	0.00	0.00	0.00
64	117	181-13.4	-3.2-1402.88	0.23	0.98	-2.92-1404.59	5.97	0.00	0.00	0.00
64	118	182-13.6	-3.0-1405.97	0.34	0.00	-2.88-1408.51	10.12	0.00	0.00	0.00
64	119	183-13.8	-2.9-1408.95	0.39	0.98	-2.83-1410.41	16.29	0.00	0.00	0.00
64	120	184-14.0	-2.8-1411.80	0.07	0.00	-2.79-1414.51	20.26	0.00	0.00	0.00
64	121	185-14.3	-2.7-1414.53	-0.59	0.97	-2.74-1416.89	25.95	0.00	0.00	0.00
64	122	186-14.5	-2.6-1417.15	-0.86	0.00	-2.70-1420.71	30.21	0.00	0.00	0.00
64	123	187-14.7	-2.4-1419.66	-1.93	0.97	-2.66-1423.28	35.71	0.00	0.00	0.00
64	124	188-14.9	-2.3-1422.05	-2.55	0.00	-2.62-1427.22	39.84	0.00	0.00	0.00
64	125	189-15.1	-2.2-1424.33	-3.98	0.96	-2.58-1429.93	45.20	0.00	0.00	0.00
64	126	190-15.4	-2.1-1426.51	-4.38	0.00	-2.54-1433.43	49.78	0.00	0.00	0.00
64	127	191-15.6	-2.0-1428.57	-3.54	0.95	-2.50-1433.66	57.61	0.00	0.00	0.00
64	128	192-15.8	-1.9-1430.54	-2.55	0.00	-2.47-1435.56	63.79	0.00	0.00	0.00
64	129	193-16.0	-1.8-1432.40	-1.71	0.95	-2.43-1435.59	71.82	0.00	0.00	0.00
64	130	194-16.2	-1.7-1434.17	-0.95	0.00	-2.40-1437.51	77.97	0.00	0.00	0.00
64	131	195-16.4	-1.6-1435.83	-0.29	0.95	-2.36-1437.54	86.02	0.00	0.00	0.00
64	132	196-16.6	-1.5-1437.40	0.36	0.00	-2.33-1439.37	92.26	0.00	0.00	0.00
64	133	197-16.8	-1.4-1438.87	0.62	0.94	-2.30-1439.61	100.09	0.00	0.00	0.00
64	134	198-17.0	-1.3-1440.25	1.05	0.00	-2.27-1441.47	106.30	0.00	0.00	0.00
64	135	199-17.2	-1.2-1441.54	0.65	0.94	-2.23-1442.19	113.65	0.00	0.00	0.00
64	136	200-17.4	-1.2-1442.74	0.66	0.00	-2.20-1444.29	119.63	0.00	0.00	0.00
64	137	201-17.6	-1.1-1443.85	0.36	0.93	-2.18-1444.74	127.25	0.00	0.00	0.00
64	138	202-17.7	-1.0-1444.88	0.50	0.00	-2.15-1446.53	133.53	0.00	0.00	0.00
64	139	203-17.9	-0.9-1445.82	0.14	0.93	-2.12-1446.87	141.26	0.00	0.00	0.00
64	140	204-18.1	-0.8-1446.68	0.19	0.00	-2.09-1448.58	147.62	0.00	0.00	0.00
64	141	205-18.3	-0.7-1447.46	-0.27	0.92	-2.06-1448.87	155.40	0.00	0.00	0.00
64	142	206-18.5	-0.7-1448.15	-0.47	0.00	-2.04-1450.66	161.68	0.00	0.00	0.00
64	143	207-18.6	-0.6-1448.77	-1.05	0.92	-2.01-1450.92	169.50	0.00	0.00	0.00
64	144	208-18.8	-0.5-1449.32	-1.29	0.00	-1.99-1452.59	175.89	0.00	0.00	0.00
64	145	209-19.0	-0.4-1449.78	-2.02	0.91	-1.96-1452.85	183.71	0.00	0.00	0.00
64	146	210-19.1	-0.4-1450.18	-2.12	0.00	-1.94-1454.24	190.39	0.00	0.00	0.00
64	147	211-19.3	-0.3-1450.50	-2.70	0.91	-1.92-1454.21	198.49	0.00	0.00	0.00
64	148	212-19.5	-0.2-1450.76	-2.61	0.00	-1.89-1455.26	205.51	0.00	0.00	0.00
64	149	213-19.6	-0.1-1450.94	-2.84	0.91	-1.87-1454.74	214.10	0.00	0.00	0.00
64	150	214	0.0 0.0 0.00	-2.63	0.00	-1.85 0.00 0.00	0.00	0.00	0.00	0.00
65	65	130	2.8-14.5 -996.59	0.45	2.36	-10.00-1003.78	-5.65	0.00	0.00	0.00
65	66	131	2.5-14.2-1010.96	0.44	1.19	-9.68-1019.01	-12.82	0.00	0.00	0.00
65	67	132	2.1-13.9-1025.00	0.41	2.12	-9.38-1031.86	-17.59	0.00	0.00	0.00
65	68	133	1.8-13.6-1038.72	0.30	1.19	-9.10-1046.32	-23.99	0.00	0.00	0.00
65	69	134	1.4-13.2-1052.12	0.20	2.11	-8.82-1058.63	-28.22	0.00	0.00	0.00
65	70	135	1.0-12.9-1065.20	0.21	1.19	-8.56-1072.36	-33.88	0.00	0.00	0.00
65	71	136	0.7-12.6-1077.98	0.39	2.10	-8.31-1083.79	-37.24	0.00	0.00	0.00
65	72	137	0.3-12.3-1090.45	0.76	1.19	-8.07-1096.56	-41.94	0.00	0.00	0.00
65	73	138	0.0-12.0-1102.63	1.05	2.10	-7.84-1107.32	-44.63	0.00	0.00	0.00
65	74	139	-0.4-11.7-1114.51	1.36	1.19	-7.62-1119.58	-48.81	0.00	0.00	0.00
65	75	140	-0.7-11.5-1126.12	1.29	2.09	-7.41-1130.15	-51.31	0.00	0.00	0.00
65	76	141	-1.0-11.2-1137.44	1.37	1.19	-7.21-1142.08	-55.18	0.00	0.00	0.00
65	77	142	-1.4-10.9-1148.49	2.30	2.08	-7.01-1151.12	-56.14	0.00	0.00	0.00
65	78	143	-1.7-10.6-1159.27	1.57	1.19	-6.83-1163.33	-60.28	0.00	0.00	0.00
65	79	144	-2.0-10.4-1169.79	1.00	2.07	-6.65-1173.36	-62.24	0.00	0.00	0.00
65	80	145	-2.4-10.1-1180.05	0.21	1.19	-6.48-1185.12	-65.92	-66.25	-0.12	-0.33
65	81	146	-2.7 -9.9-1190.05	-0.65	2.07	-6.31-1194.95	-67.68	-67.86	-0.83	-0.18
65	82	147	-3.0 -9.6-1199.81	-1.94	1.19	-6.15-1206.71	-71.37	-70.83	-1.40	0.54
65	83	148	-3.4 -9.4-1209.32	-0.88	2.06	-6.00-1214.14	-70.73	-70.66	-0.81	0.07
65	84	149	-3.7 -9.2-1218.59	0.01	1.19	-5.85-1223.24	-71.77	-71.50	0.28	0.27
65	85	150	-4.0 -8.9-1227.63	0.91	2.05	-5.71-1230.38	-70.83	-71.11	0.63	-0.28
65	86	151	-4.3 -8.7-1236.44	1.28	1.19	-5.58-1239.54	-71.92	-71.63	1.57	0.29
65	87	152	-4.6 -8.5-1245.03	1.45	2.05	-5.44-1246.98	-71.28	-70.77	1.96	0.51

65	88	153	-4.9	-8.2-1253.39	1.54	1.19	-5.32-1255.97	-72.21	-71.32	2.43	0.89
65	89	154	-5.2	-8.0-1261.53	1.56	2.04	-5.20-1263.13	-71.29	-70.15	2.70	1.14
65	90	155	-5.5	-7.8-1269.46	1.34	1.19	-5.08-1272.01	-72.10	-71.26	2.18	0.84
65	91	156	-5.8	-7.6-1277.19	1.10	2.03	-4.97-1279.02	-71.04	-70.10	2.04	0.94
65	92	157	-6.1	-7.4-1284.70	0.99	1.19	-4.86-1287.38	-71.33	-70.77	1.55	0.56
65	93	158	-6.4	-7.2-1292.02	0.73	2.03	-4.75-1294.01	-69.89	-69.48	1.14	0.41
65	94	159	-6.7	-7.0-1299.14	0.64	1.19	-4.65-1301.95	-69.76	-69.54	0.86	0.22
65	95	160	-7.0	-6.8-1306.06	0.38	2.02	-4.55-1308.21	-67.95	-67.85	0.48	0.10
65	96	161	-7.3	-6.6-1312.80	0.25	1.19	-4.45-1315.81	-67.47	-67.47	0.25	0.00
65	97	162	-7.6	-6.5-1319.35	-0.05	2.02	-4.36-1321.74	-65.34	-65.68	-0.39	-0.34
65	98	163	-7.9	-6.3-1325.71	-0.22	1.19	-4.27-1329.01	-64.53	-64.70	-0.39	-0.17
65	99	164	-8.2	-6.1-1331.90	-0.55	2.01	-4.19-1334.62	-62.07	-62.09	-0.57	-0.02
65	100	165	-8.4	-5.9-1337.91	-0.60	1.19	-4.10-1341.42	-60.79	0.00	0.00	0.00
65	101	166	-8.7	-5.7-1343.74	-0.94	2.01	-4.02-1346.70	-58.01	0.00	0.00	0.00
65	102	167	-9.0	-5.6-1349.41	-0.95	1.19	-3.94-1353.11	-56.34	0.00	0.00	0.00
65	103	168	-9.3	-5.4-1354.91	-1.14	2.00	-3.87-1357.91	-53.08	0.00	0.00	0.00
65	104	169	-9.5	-5.3-1360.24	-0.87	1.19	-3.79-1363.71	-50.80	0.00	0.00	0.00
65	105	170	-9.8	-5.1-1365.41	-0.88	2.00	-3.72-1368.02	-47.04	0.00	0.00	0.00
65	106	171	-10.1	-4.9-1370.43	-0.65	1.19	-3.65-1373.54	-44.49	0.00	0.00	0.00
65	107	172	-10.3	-4.8-1375.29	-0.67	1.99	-3.59-1377.56	-40.43	0.00	0.00	0.00
65	108	173	-10.6	-4.6-1380.00	-0.41	1.19	-3.52-1382.74	-37.54	0.00	0.00	0.00
65	109	174	-10.8	-4.5-1384.56	-0.43	1.99	-3.46-1386.46	-33.19	0.00	0.00	0.00
65	110	175	-11.1	-4.3-1388.97	-0.09	1.19	-3.40-1391.26	-29.93	0.00	0.00	0.00
65	111	176	-11.3	-4.2-1393.24	-0.06	1.98	-3.34-1394.65	-25.24	0.00	0.00	0.00
65	112	177	-11.6	-4.1-1397.36	0.28	1.19	-3.28-1399.17	-21.69	0.00	0.00	0.00
65	113	178	-11.8	-3.9-1401.35	0.01	1.98	-3.22-1402.59	-17.04	0.00	0.00	0.00
65	114	179	-12.1	-3.8-1405.20	0.19	1.19	-3.17-1406.99	-13.36	0.00	0.00	0.00
65	115	180	-12.3	-3.6-1408.92	-0.04	1.97	-3.11-1410.10	-8.41	0.00	0.00	0.00
65	116	181	-12.6	-3.5-1412.50	0.22	1.19	-3.06-1414.15	-4.39	0.00	0.00	0.00
65	117	182	-12.8	-3.4-1415.96	0.09	1.97	-3.01-1416.91	0.93	0.00	0.00	0.00
65	118	183	-13.0	-3.3-1419.29	0.26	1.19	-2.96-1420.80	5.11	0.00	0.00	0.00
65	119	184	-13.3	-3.1-1422.49	0.25	1.97	-2.92-1423.19	10.79	0.00	0.00	0.00
65	120	185	-13.5	-3.0-1425.57	-0.06	1.19	-2.87-1427.31	14.74	0.00	0.00	0.00
65	121	186	-13.7	-2.9-1428.53	-0.71	1.96	-2.82-1430.10	20.02	0.00	0.00	0.00
65	122	187	-13.9	-2.8-1431.37	-0.94	1.19	-2.78-1433.90	24.29	0.00	0.00	0.00
65	123	188	-14.2	-2.7-1434.10	-1.86	1.96	-2.74-1436.74	29.53	0.00	0.00	0.00
65	124	189	-14.4	-2.6-1436.71	-2.44	1.19	-2.70-1440.65	33.68	0.00	0.00	0.00
65	125	190	-14.6	-2.4-1439.21	-3.66	1.95	-2.65-1443.57	38.84	0.00	0.00	0.00
65	126	191	-14.8	-2.3-1441.60	-4.24	1.19	-2.61-1447.26	43.22	0.00	0.00	0.00
65	127	192	-15.0	-2.2-1443.88	-3.26	1.95	-2.58-1447.77	50.78	0.00	0.00	0.00
65	128	193	-15.2	-2.1-1446.06	-2.20	1.19	-2.54-1449.60	57.02	0.00	0.00	0.00
65	129	194	-15.5	-2.0-1448.13	-1.44	1.95	-2.50-1450.12	64.57	0.00	0.00	0.00
65	130	195	-15.7	-1.9-1450.10	-0.63	1.19	-2.47-1452.00	70.77	0.00	0.00	0.00
65	131	196	-15.9	-1.8-1451.96	-0.10	1.94	-2.43-1452.55	78.28	0.00	0.00	0.00
65	132	197	-16.1	-1.7-1453.73	0.52	1.19	-2.40-1454.42	84.49	0.00	0.00	0.00
65	133	198	-16.3	-1.6-1455.41	0.80	1.94	-2.36-1455.03	91.95	0.00	0.00	0.00
65	134	199	-16.5	-1.5-1456.98	3.38	1.19	-2.33-1454.74	100.31	0.00	0.00	0.00
65	135	200	-16.7	-1.4-1458.47	0.82	1.94	-2.30-1458.01	105.11	0.00	0.00	0.00
65	136	201	-16.9	-1.3-1459.86	0.84	1.19	-2.27-1460.09	111.10	0.00	0.00	0.00
65	137	202	-17.0	-1.3-1461.16	0.56	1.93	-2.24-1460.90	118.36	0.00	0.00	0.00
65	138	203	-17.2	-1.2-1462.37	0.65	1.19	-2.21-1462.74	124.60	0.00	0.00	0.00
65	139	204	-17.4	-1.1-1463.50	0.35	1.93	-2.18-1463.40	132.01	0.00	0.00	0.00
65	140	205	-17.6	-1.0-1464.54	0.35	1.19	-2.15-1465.14	138.34	0.00	0.00	0.00
65	141	206	-17.8	-0.9-1465.49	-0.08	1.93	-2.12-1465.77	145.78	0.00	0.00	0.00
65	142	207	-18.0	-0.8-1466.37	-0.05	1.19	-2.10-1467.32	152.30	0.00	0.00	0.00
65	143	208	-18.1	-0.8-1467.16	-0.85	1.92	-2.07-1468.16	159.53	0.00	0.00	0.00
65	144	209	-18.3	-0.7-1467.88	-1.15	1.19	-2.04-1469.88	165.89	0.00	0.00	0.00
65	145	210	-18.5	-0.6-1468.52	-1.81	1.92	-2.02-1470.42	173.41	0.00	0.00	0.00
65	146	211	-18.7	-0.5-1469.08	-1.89	1.19	-1.99-1471.77	180.14	0.00	0.00	0.00
65	147	212	-18.8	-0.4-1469.57	-2.35	1.92	-1.97-1471.97	188.01	0.00	0.00	0.00
65	148	213	-19.0	-0.4-1469.98	-2.28	1.19	-1.95-1473.01	195.04	0.00	0.00	0.00
65	149	214	-19.1	-0.3-1470.33	-2.54	1.91	-1.92-1472.88	203.25	0.00	0.00	0.00
65	150	215	-19.3	-0.2-1470.60	-2.40	1.19	-1.90-1473.71	210.48	0.00	0.00	0.00
65	151	216	-19.5	-0.2-1470.81	-2.92	1.91	-1.88-1473.70	218.57	0.00	0.00	0.00
65	152	217	-19.6	-0.1-1470.95	-2.85	1.19	-1.86-1474.46	225.87	0.00	0.00	0.00
65	153	218	0.0	0.0 0.00	-3.16	1.91	-1.84 0.00	0.00	0.00	0.00	0.00

66	67	133	2.6-14.2-1022.63	0.18	1.18	-9.69-1030.96	-9.42	0.00	0.00	0.00
66	68	134	2.3-13.9-1036.71	0.02	0.00	-9.39-1046.08	-16.46	0.00	0.00	0.00
66	69	135	1.9-13.6-1050.46	-0.05	1.17	-9.11-1058.45	-20.76	0.00	0.00	0.00
66	70	136	1.6-13.3-1063.89	-0.12	0.00	-8.84-1072.85	-27.10	0.00	0.00	0.00
66	71	137	1.2-13.0-1077.02	0.05	1.16	-8.58-1084.39	-30.56	0.00	0.00	0.00
66	72	138	0.9-12.7-1089.85	0.39	0.00	-8.33-1097.79	-35.89	0.00	0.00	0.00
66	73	139	0.5-12.4-1102.37	0.61	1.15	-8.09-1108.71	-38.73	0.00	0.00	0.00
66	74	140	0.2-12.1-1114.60	0.84	0.00	-7.87-1121.63	-43.59	0.00	0.00	0.00
66	75	141	-0.2-11.8-1126.55	0.97	1.14	-7.65-1132.09	-45.97	0.00	0.00	0.00
66	76	142	-0.5-11.5-1138.21	1.04	0.00	-7.44-1144.61	-50.43	0.00	0.00	0.00
66	77	143	-0.8-11.2-1149.60	2.03	1.13	-7.24-1153.68	-51.42	0.00	0.00	0.00
66	78	144	-1.2-11.0-1160.71	1.25	0.00	-7.05-1166.51	-56.18	0.00	0.00	0.00
66	79	145	-1.5-10.7-1171.56	0.68	1.12	-6.86-1176.63	-58.23	0.00	0.00	0.00
66	80	146	-1.8-10.5-1182.15	-0.01	0.00	-6.68-1188.85	-62.38	0.00	0.00	0.00
66	81	147	-2.2-10.2-1192.49	-1.07	1.11	-6.51-1198.96	-64.42	-64.46	-1.11	-0.04
66	82	148	-2.5-10.0-1202.57	-2.17	0.00	-6.35-1211.09	-68.47	-67.98	-1.68	0.49
66	83	149	-2.8-9.7-1212.40	-1.32	1.10	-6.19-1218.82	-68.13	0.00	0.00	0.00
66	84	150	-3.1-9.5-1222.00	-0.31	0.00	-6.04-1228.35	-69.59	-69.32	-0.04	0.27
66	85	151	-3.4-9.2-1231.35	0.77	1.09	-5.90-1235.39	-68.56	-68.76	0.57	-0.20
66	86	152	-3.8-9.0-1240.48	1.25	0.00	-5.75-1244.98	-70.08	-70.13	1.20	-0.05
66	87	153	-4.1-8.8-1249.37	1.52	1.08	-5.62-1252.39	-69.42	-69.15	1.79	0.27
66	88	154	-4.4-8.6-1258.04	1.63	0.00	-5.49-1261.90	-70.86	-70.40	2.09	0.46
66	89	155	-4.7-8.3-1266.50	1.70	1.08	-5.36-1269.08	-69.97	-69.16	2.51	0.81
66	90	156	-5.0-8.1-1274.73	1.56	0.00	-5.24-1278.41	-71.23	-70.53	2.26	0.70
66	91	157	-5.3-7.9-1282.76	1.35	1.07	-5.12-1285.46	-70.21	-69.43	2.13	0.78
66	92	158	-5.6-7.7-1290.57	1.24	0.00	-5.01-1294.34	-71.02	-70.42	1.84	0.60
66	93	159	-5.9-7.5-1298.19	1.03	1.06	-4.90-1301.00	-69.60	-69.18	1.45	0.42
66	94	160	-6.2-7.3-1305.60	0.92	0.00	-4.80-1309.48	-70.00	-69.68	1.24	0.32
66	95	161	-6.5-7.1-1312.82	0.64	1.05	-4.69-1315.82	-68.28	-68.06	0.86	0.22
66	96	162	-6.8-6.9-1319.84	0.47	0.00	-4.59-1323.96	-68.35	-68.19	0.63	0.16
66	97	163	-7.0-6.7-1326.67	0.16	1.04	-4.50-1329.97	-66.28	-66.39	0.05	-0.11
66	98	164	-7.3-6.6-1333.32	-0.06	0.00	-4.41-1337.79	-66.03	-65.98	-0.01	0.05
66	99	165	-7.6-6.4-1339.79	-0.41	1.04	-4.32-1343.48	-63.65	-63.62	-0.38	0.03
66	100	166	-7.9-6.2-1346.08	-0.52	0.00	-4.23-1350.83	-62.93	-62.59	-0.18	0.34
66	101	167	-8.2-6.0-1352.19	-0.89	1.03	-4.15-1356.19	-60.22	-59.94	-0.61	0.28
66	102	168	-8.4-5.9-1358.13	-0.93	0.00	-4.07-1363.12	-59.08	0.00	0.00	0.00
66	103	169	-8.7-5.7-1363.90	-1.22	1.02	-3.99-1368.08	-55.97	0.00	0.00	0.00
66	104	170	-9.0-5.5-1369.50	-0.96	0.00	-3.91-1374.37	-54.19	0.00	0.00	0.00
66	105	171	-9.2-5.4-1374.94	-1.04	1.02	-3.84-1378.80	-50.54	0.00	0.00	0.00
66	106	172	-9.5-5.2-1380.22	-0.86	0.00	-3.77-1384.85	-48.52	0.00	0.00	0.00
66	107	173	-9.8-5.0-1385.34	-0.96	1.01	-3.70-1388.99	-44.59	0.00	0.00	0.00
66	108	174	-10.0-4.9-1390.31	-0.78	0.00	-3.63-1394.72	-42.25	0.00	0.00	0.00
66	109	175	-10.3-4.7-1395.12	-0.80	1.00	-3.56-1398.48	-37.94	0.00	0.00	0.00
66	110	176	-10.5-4.6-1399.79	-0.51	0.00	-3.50-1403.80	-35.18	0.00	0.00	0.00
66	111	177	-10.8-4.4-1404.31	-0.53	1.00	-3.44-1407.28	-30.59	0.00	0.00	0.00
66	112	178	-11.0-4.3-1408.68	-0.27	0.00	-3.38-1412.33	-27.57	0.00	0.00	0.00
66	113	179	-11.3-4.2-1412.92	-0.41	0.99	-3.32-1415.65	-22.83	0.00	0.00	0.00
66	114	180	-11.5-4.0-1417.01	-0.23	0.00	-3.26-1420.51	-19.61	0.00	0.00	0.00
66	115	181	-11.8-3.9-1420.97	-0.41	0.99	-3.21-1423.60	-14.63	0.00	0.00	0.00
66	116	182	-12.0-3.8-1424.79	-0.14	0.00	-3.15-1428.09	-11.05	0.00	0.00	0.00
66	117	183	-12.3-3.6-1428.49	-0.22	0.98	-3.10-1430.83	-5.71	0.00	0.00	0.00
66	118	184	-12.5-3.5-1432.05	-0.01	0.00	-3.05-1435.11	-1.93	0.00	0.00	0.00
66	119	185	-12.7-3.4-1435.49	-0.04	0.98	-3.00-1437.55	3.70	0.00	0.00	0.00
66	120	186	-12.9-3.2-1438.80	-0.36	0.00	-2.95-1442.11	7.22	0.00	0.00	0.00
66	121	187	-13.2-3.1-1441.98	-0.93	0.97	-2.91-1444.85	12.55	0.00	0.00	0.00
66	122	188	-13.4-3.0-1445.05	-1.11	0.00	-2.86-1449.02	16.45	0.00	0.00	0.00
66	123	189	-13.6-2.9-1448.00	-2.02	0.97	-2.82-1451.87	21.67	0.00	0.00	0.00
66	124	190	-13.8-2.8-1450.83	-2.55	0.00	-2.77-1456.16	25.46	0.00	0.00	0.00
66	125	191	-14.1-2.7-1453.55	-3.82	0.96	-2.73-1459.14	30.54	0.00	0.00	0.00
66	126	192	-14.3-2.5-1456.16	-4.25	0.00	-2.69-1463.10	34.66	0.00	0.00	0.00
66	127	193	-14.5-2.4-1458.65	-3.26	0.95	-2.65-1463.61	42.22	0.00	0.00	0.00
66	128	194	-14.7-2.3-1461.04	-2.39	0.00	-2.61-1466.04	47.86	0.00	0.00	0.00
66	129	195	-14.9-2.2-1463.32	-1.42	0.95	-2.57-1466.37	55.61	0.00	0.00	0.00
66	130	196	-15.1-2.1-1465.50	-0.41	0.00	-2.54-1468.44	61.60	0.00	0.00	0.00
66	131	197	-15.3-2.0-1467.57	0.17	0.95	-2.50-1468.95	69.16	0.00	0.00	0.00
66	132	198	-15.5-1.9-1469.54	0.79	0.00	-2.47-1471.22	74.97	0.00	0.00	0.00

66	133	199-15.7	-1.8-1471.41	1.08	0.94	-2.43-1471.82	82.43	0.00	0.00	0.00
66	134	200-15.9	-1.7-1473.19	1.46	0.00	-2.40-1474.13	88.20	0.00	0.00	0.00
66	135	201-16.1	-1.6-1474.87	1.16	0.94	-2.37-1475.14	95.26	0.00	0.00	0.00
66	136	202-16.3	-1.5-1476.45	1.18	0.00	-2.33-1477.60	100.87	0.00	0.00	0.00
66	137	203-16.5	-1.4-1477.95	0.92	0.93	-2.30-1478.40	108.15	0.00	0.00	0.00
66	138	204-16.7	-1.4-1479.35	1.04	0.00	-2.27-1480.58	114.04	0.00	0.00	0.00
66	139	205-16.9	-1.3-1480.66	0.69	0.93	-2.24-1481.28	121.40	0.00	0.00	0.00
66	140	206-17.1	-1.2-1481.88	0.69	0.00	-2.21-1483.41	127.35	0.00	0.00	0.00
66	141	207-17.3	-1.1-1483.03	0.31	0.92	-2.18-1483.98	134.85	0.00	0.00	0.00
66	142	208-17.5	-1.0-1484.08	0.29	0.00	-2.16-1485.94	140.95	0.00	0.00	0.00
66	143	209-17.6	-0.9-1485.05	-0.22	0.92	-2.13-1486.48	148.49	0.00	0.00	0.00
66	144	210-17.8	-0.8-1485.94	-0.62	0.00	-2.10-1488.66	154.38	0.00	0.00	0.00
66	145	211-18.0	-0.8-1486.76	-1.29	0.91	-2.08-1489.21	161.91	0.00	0.00	0.00
66	146	212-18.2	-0.7-1487.49	-1.49	0.00	-2.05-1491.03	168.16	0.00	0.00	0.00
66	147	213-18.3	-0.6-1488.14	-1.96	0.91	-2.02-1491.22	176.04	0.00	0.00	0.00
66	148	214-18.5	-0.5-1488.73	-1.86	0.00	-2.00-1492.59	182.74	0.00	0.00	0.00
66	149	215-18.7	-0.5-1489.23	-2.21	0.91	-1.98-1492.52	190.88	0.00	0.00	0.00
66	150	216-18.8	-0.4-1489.67	-2.09	0.00	-1.95-1493.71	197.76	0.00	0.00	0.00
66	151	217-19.0	-0.3-1490.03	-2.65	0.90	-1.93-1493.71	205.83	0.00	0.00	0.00
66	152	218-19.1	-0.3-1490.33	-2.62	0.00	-1.91-1494.86	212.75	0.00	0.00	0.00
66	153	219-19.3	-0.2-1490.56	-2.81	0.90	-1.89-1494.36	221.33	0.00	0.00	0.00
66	154	220-19.4	-0.1-1490.72	-2.59	0.00	-1.86-1495.18	228.58	0.00	0.00	0.00
66	155	221	0.0 0.0 0.00	-2.75	0.89	-1.84 0.00 0.00	0.00	0.00	0.00	0.00
67	69	136	2.4-13.9-1048.28	-0.67	2.10	-9.40-1056.25	-11.28	0.00	0.00	0.00
67	70	137	2.1-13.6-1062.06	-0.76	1.18	-9.12-1070.76	-17.73	0.00	0.00	0.00
67	71	138	1.7-13.3-1075.54	-0.59	2.09	-8.85-1082.89	-21.78	0.00	0.00	0.00
67	72	139	1.4-13.0-1088.71	-0.27	1.18	-8.60-1096.40	-27.22	0.00	0.00	0.00
67	73	140	1.1-12.7-1101.58	0.01	2.09	-8.35-1107.84	-30.59	0.00	0.00	0.00
67	74	141	0.7-12.4-1114.15	0.41	1.18	-8.12-1120.68	-35.36	0.00	0.00	0.00
67	75	142	0.4-12.1-1126.44	0.34	2.08	-7.89-1131.92	-38.52	0.00	0.00	0.00
67	76	143	0.0-11.9-1138.44	0.52	1.18	-7.68-1144.42	-42.95	0.00	0.00	0.00
67	77	144	-0.3-11.6-1150.16	1.67	2.07	-7.47-1153.89	-44.36	0.00	0.00	0.00
67	78	145	-0.6-11.3-1161.61	0.98	1.18	-7.27-1166.72	-49.12	0.00	0.00	0.00
67	79	146	-1.0-11.0-1172.80	0.44	2.06	-7.08-1177.37	-51.70	0.00	0.00	0.00
67	80	147	-1.3-10.8-1183.71	-0.22	1.18	-6.90-1189.65	-55.90	0.00	0.00	0.00
67	81	148	-1.6-10.5-1194.37	-0.92	2.06	-6.72-1199.96	-58.14	0.00	0.00	0.00
67	82	149	-1.9-10.3-1204.78	-2.06	1.18	-6.55-1212.21	-62.32	0.00	0.00	0.00
67	83	150	-2.3-10.0-1214.94	-1.07	2.05	-6.39-1220.35	-62.38	-62.06	-0.75	0.32
67	84	151	-2.6 -9.8-1224.85	-0.23	1.18	-6.23-1230.13	-64.10	-63.71	0.16	0.39
67	85	152	-2.9 -9.6-1234.52	0.68	2.04	-6.08-1237.88	-63.78	-63.73	0.73	0.05
67	86	153	-3.2 -9.3-1243.96	1.16	1.18	-5.94-1247.55	-65.38	-65.02	1.52	0.36
67	87	154	-3.5 -9.1-1253.17	1.47	2.04	-5.80-1255.46	-65.21	-64.65	2.03	0.56
67	88	155	-3.8 -8.9-1262.15	1.54	1.18	-5.66-1265.09	-66.77	-66.06	2.25	0.71
67	89	156	-4.1 -8.6-1270.91	1.61	2.03	-5.53-1272.80	-66.41	0.00	0.00	0.00
67	90	157	-4.4 -8.4-1279.45	1.52	1.18	-5.40-1282.15	-67.69	-66.89	2.32	0.80
67	91	158	-4.7 -8.2-1287.77	1.36	2.02	-5.28-1289.67	-67.14	-66.20	2.30	0.94
67	92	159	-5.0 -8.0-1295.89	1.31	1.18	-5.17-1298.56	-67.96	-67.34	1.93	0.62
67	93	160	-5.3 -7.8-1303.80	1.08	2.02	-5.05-1305.75	-67.08	-66.39	1.77	0.69
67	94	161	-5.6 -7.6-1311.50	0.95	1.18	-4.94-1314.32	-67.57	-67.21	1.31	0.36
67	95	162	-5.9 -7.4-1319.01	0.66	2.01	-4.84-1321.18	-66.36	-66.05	0.97	0.31
67	96	163	-6.2 -7.2-1326.32	0.46	1.18	-4.74-1329.42	-66.53	-66.39	0.60	0.14
67	97	164	-6.5 -7.0-1333.44	0.13	2.01	-4.64-1335.95	-64.98	-64.99	0.12	-0.01
67	98	165	-6.8 -6.8-1340.38	-0.12	1.18	-4.54-1343.86	-64.82	-64.91	-0.21	-0.09
67	99	166	-7.1 -6.7-1347.12	-0.52	2.00	-4.45-1350.09	-62.99	-63.08	-0.61	-0.09
67	100	167	-7.3 -6.5-1353.69	-0.63	1.18	-4.36-1357.50	-62.32	-62.29	-0.60	0.03
67	101	168	-7.6 -6.3-1360.08	-1.04	2.00	-4.27-1363.40	-60.15	-60.26	-1.15	-0.11
67	102	169	-7.9 -6.1-1366.29	-1.17	1.18	-4.19-1370.47	-59.15	-58.81	-0.83	0.34
67	103	170	-8.2 -6.0-1372.33	-1.44	1.99	-4.11-1375.89	-56.50	-56.25	-1.19	0.25
67	104	171	-8.4 -5.8-1378.20	-1.26	1.18	-4.03-1382.31	-54.85	0.00	0.00	0.00
67	105	172	-8.7 -5.6-1383.91	-1.41	1.99	-3.95-1387.29	-51.76	0.00	0.00	0.00
67	106	173	-9.0 -5.5-1389.45	-1.31	1.18	-3.88-1393.46	-49.86	0.00	0.00	0.00
67	107	174	-9.2 -5.3-1394.84	-1.49	1.98	-3.81-1398.15	-46.48	0.00	0.00	0.00
67	108	175	-9.5 -5.1-1400.06	-1.30	1.18	-3.74-1403.92	-44.17	0.00	0.00	0.00
67	109	176	-9.7 -5.0-1405.14	-1.32	1.98	-3.67-1408.15	-40.33	0.00	0.00	0.00
67	110	177-10.0	-4.8-1410.06	-1.02	1.18	-3.60-1413.50	-37.61	0.00	0.00	0.00
67	111	178-10.2	-4.7-1414.83	-1.04	1.97	-3.54-1417.44	-33.47	0.00	0.00	0.00

67	112	179-10.5	-4.5-1419.45	-0.71	1.18	-3.48-1422.46	-30.42	0.00	0.00	0.00
67	113	180-10.7	-4.4-1423.93	-0.86	1.97	-3.42-1426.24	-26.14	0.00	0.00	0.00
67	114	181-11.0	-4.3-1428.27	-0.64	1.18	-3.36-1431.09	-22.91	0.00	0.00	0.00
67	115	182-11.2	-4.1-1432.47	-0.80	1.96	-3.30-1434.61	-18.36	0.00	0.00	0.00
67	116	183-11.5	-4.0-1436.54	-0.51	1.18	-3.25-1439.11	-14.79	0.00	0.00	0.00
67	117	184-11.7	-3.9-1440.47	-0.60	1.96	-3.19-1442.30	-9.91	0.00	0.00	0.00
67	118	185-11.9	-3.7-1444.27	-0.22	1.18	-3.14-1446.45	-5.98	0.00	0.00	0.00
67	119	186-12.2	-3.6-1447.94	-0.31	1.96	-3.09-1449.38	-0.85	0.00	0.00	0.00
67	120	187-12.4	-3.5-1451.48	-0.62	1.18	-3.04-1453.96	2.65	0.00	0.00	0.00
67	121	188-12.6	-3.4-1454.89	-1.10	1.95	-2.99-1457.04	7.64	0.00	0.00	0.00
67	122	189-12.9	-3.2-1458.19	-1.30	1.18	-2.95-1461.25	11.50	0.00	0.00	0.00
67	123	190-13.1	-3.1-1461.36	-2.19	1.95	-2.90-1464.50	16.32	0.00	0.00	0.00
67	124	191-13.3	-3.0-1464.42	-2.69	1.18	-2.86-1468.78	20.11	0.00	0.00	0.00
67	125	192-13.5	-2.9-1467.35	-3.78	1.94	-2.81-1472.00	24.96	0.00	0.00	0.00
67	126	193-13.8	-2.8-1470.18	-4.27	1.18	-2.77-1476.03	29.00	0.00	0.00	0.00
67	127	194-14.0	-2.7-1472.89	-3.28	1.94	-2.73-1476.96	36.15	0.00	0.00	0.00
67	128	195-14.2	-2.5-1475.49	-2.32	1.18	-2.69-1479.32	41.86	0.00	0.00	0.00
67	129	196-14.4	-2.4-1477.98	-1.16	1.94	-2.65-1479.85	49.40	0.00	0.00	0.00
67	130	197-14.6	-2.3-1480.36	-0.24	1.18	-2.61-1482.03	55.29	0.00	0.00	0.00
67	131	198-14.8	-2.2-1482.64	0.28	1.93	-2.57-1483.00	62.39	0.00	0.00	0.00
67	132	199-15.0	-2.1-1484.82	0.87	1.18	-2.54-1485.31	68.16	0.00	0.00	0.00
67	133	200-15.2	-2.0-1486.90	1.17	1.93	-2.50-1486.30	75.24	0.00	0.00	0.00
67	134	201-15.4	-1.9-1488.87	1.49	1.18	-2.47-1488.66	80.94	0.00	0.00	0.00
67	135	202-15.6	-1.8-1490.75	1.23	1.93	-2.43-1490.02	87.65	0.00	0.00	0.00
67	136	203-15.8	-1.7-1492.53	1.29	1.18	-2.40-1492.46	93.29	0.00	0.00	0.00
67	137	204-16.0	-1.6-1494.21	1.02	1.92	-2.37-1493.64	100.18	0.00	0.00	0.00
67	138	205-16.2	-1.5-1495.81	1.12	1.18	-2.33-1495.84	106.05	0.00	0.00	0.00
67	139	206-16.4	-1.5-1497.31	0.80	1.92	-2.30-1496.90	113.07	0.00	0.00	0.00
67	140	207-16.6	-1.4-1498.72	0.80	1.18	-2.27-1499.01	119.02	0.00	0.00	0.00
67	141	208-16.8	-1.3-1500.05	0.41	1.92	-2.24-1499.97	126.14	0.00	0.00	0.00
67	142	209-17.0	-1.2-1501.28	0.49	1.18	-2.22-1501.83	132.35	0.00	0.00	0.00
67	143	210-17.1	-1.1-1502.44	-0.10	1.91	-2.19-1502.81	139.44	0.00	0.00	0.00
67	144	211-17.3	-1.0-1503.51	-0.47	1.18	-2.16-1504.96	145.36	0.00	0.00	0.00
67	145	212-17.5	-0.9-1504.49	-1.13	1.91	-2.13-1505.85	152.54	0.00	0.00	0.00
67	146	213-17.7	-0.9-1505.40	-1.19	1.18	-2.11-1507.52	158.95	0.00	0.00	0.00
67	147	214-17.8	-0.8-1506.23	-1.73	1.91	-2.08-1508.13	166.40	0.00	0.00	0.00
67	148	215-18.0	-0.7-1506.98	-1.74	1.18	-2.05-1509.59	173.01	0.00	0.00	0.00
67	149	216-18.2	-0.6-1507.66	-2.14	1.90	-2.03-1509.92	180.75	0.00	0.00	0.00
67	150	217-18.3	-0.6-1508.26	-2.10	1.18	-2.01-1511.18	187.57	0.00	0.00	0.00
67	151	218-18.5	-0.5-1508.78	-2.68	1.90	-1.98-1511.55	195.27	0.00	0.00	0.00
67	152	219-18.7	-0.4-1509.24	-2.71	1.18	-1.96-1512.73	202.16	0.00	0.00	0.00
67	153	220-18.8	-0.3-1509.63	-3.03	1.90	-1.94-1512.69	210.27	0.00	0.00	0.00
67	154	221-19.0	-0.3-1509.94	-2.73	1.18	-1.91-1513.41	217.63	0.00	0.00	0.00
67	155	222-19.1	-0.2-1510.19	-2.95	1.90	-1.89-1513.14	225.96	0.00	0.00	0.00
67	156	223-19.3	-0.1-1510.38	-2.75	1.18	-1.87-1513.82	233.36	0.00	0.00	0.00
67	157	224	0.0	0.0	0.00	-3.09	1.89	-1.85	0.00	0.00
68	70	138	2.6-14.0-1059.72	-1.04	0.00	-9.41-1070.17	-9.85	0.00	0.00	0.00
68	71	139	2.3-13.7-1073.54	-0.93	1.16	-9.13-1082.44	-14.06	0.00	0.00	0.00
68	72	140	1.9-13.4-1087.05	-0.52	0.00	-8.87-1096.44	-19.99	0.00	0.00	0.00
68	73	141	1.6-13.1-1100.26	-0.31	1.15	-8.62-1108.04	-23.52	0.00	0.00	0.00
68	74	142	1.2-12.8-1113.18	0.05	0.00	-8.37-1121.50	-28.91	0.00	0.00	0.00
68	75	143	0.9-12.5-1125.80	0.14	1.14	-8.14-1132.67	-32.00	0.00	0.00	0.00
68	76	144	0.6-12.2-1138.14	0.34	0.00	-7.92-1145.72	-36.98	0.00	0.00	0.00
68	77	145	0.2-11.9-1150.20	1.38	1.13	-7.71-1155.39	-38.58	0.00	0.00	0.00
68	78	146	-0.1-11.6-1161.98	0.67	0.00	-7.50-1168.81	-43.93	0.00	0.00	0.00
68	79	147	-0.4-11.4-1173.49	0.14	1.12	-7.30-1179.53	-46.58	0.00	0.00	0.00
68	80	148	-0.8-11.1-1184.73	-0.51	0.00	-7.11-1192.36	-51.33	0.00	0.00	0.00
68	81	149	-1.1-10.9-1195.72	-1.23	1.11	-6.93-1202.77	-53.68	-53.61	-1.16	0.07
68	82	150	-1.4-10.6-1206.45	-2.34	0.00	-6.76-1215.55	-58.38	0.00	0.00	0.00
68	83	151	-1.7-10.4-1216.92	-1.35	1.10	-6.59-1223.76	-58.52	0.00	0.00	0.00
68	84	152	-2.0-10.1-1227.16	-0.51	0.00	-6.43-1234.09	-60.78	-60.62	-0.35	0.16
68	85	153	-2.3	-9.9-1237.15	0.35	1.09	-6.27-1241.97	-60.59	0.00	0.00
68	86	154	-2.7	-9.6-1246.90	0.99	0.00	-6.12-1252.03	-62.57	-62.62	0.94
68	87	155	-3.0	-9.4-1256.41	1.43	1.08	-5.98-1259.88	-62.35	-62.22	1.56
68	88	156	-3.3	-9.2-1265.70	1.62	0.00	-5.84-1269.92	-64.32	0.00	0.00
68	89	157	-3.6	-8.9-1274.77	1.76	1.08	-5.70-1277.63	-63.97	-63.42	2.31

68	90	158	-3.9	-8.7-1283.61	1.78	0.00	-5.57-1287.40	-65.66	0.00	0.00	0.00
68	91	159	-4.2	-8.5-1292.24	1.64	1.07	-5.45-1294.98	-65.17	-64.57	2.24	0.60
68	92	160	-4.5	-8.3-1300.65	1.52	0.00	-5.33-1304.46	-66.57	-66.06	2.03	0.51
68	93	161	-4.8	-8.1-1308.86	1.35	1.06	-5.21-1311.66	-65.70	-65.20	1.85	0.50
68	94	162	-5.1	-7.9-1316.86	1.20	0.00	-5.10-1320.75	-66.73	-66.35	1.58	0.38
68	95	163	-5.4	-7.7-1324.66	0.92	1.05	-4.99-1327.67	-65.57	-65.18	1.31	0.39
68	96	164	-5.7	-7.5-1332.26	0.70	0.00	-4.88-1336.44	-66.27	-65.95	1.02	0.32
68	97	165	-5.9	-7.3-1339.66	0.32	1.04	-4.78-1343.08	-64.84	-64.53	0.63	0.31
68	98	166	-6.2	-7.1-1346.88	0.07	0.00	-4.68-1351.49	-65.18	-64.93	0.32	0.25
68	99	167	-6.5	-6.9-1353.91	-0.37	1.04	-4.59-1357.83	-63.44	-63.30	-0.23	0.14
68	100	168	-6.8	-6.8-1360.75	-0.54	0.00	-4.49-1365.79	-63.33	-63.00	-0.21	0.33
68	101	169	-7.1	-6.6-1367.42	-0.99	1.03	-4.40-1371.78	-61.25	-60.93	-0.67	0.32
68	102	170	-7.3	-6.4-1373.90	-1.08	0.00	-4.32-1379.30	-60.70	-60.12	-0.50	0.58
68	103	171	-7.6	-6.2-1380.22	-1.44	1.02	-4.23-1384.87	-58.20	-57.73	-0.97	0.47
68	104	172	-7.9	-6.1-1386.36	-1.31	0.00	-4.15-1391.82	-57.08	-56.49	-0.72	0.59
68	105	173	-8.1	-5.9-1392.33	-1.53	1.02	-4.07-1396.92	-54.10	0.00	0.00	0.00
68	106	174	-8.4	-5.7-1398.14	-1.47	0.00	-4.00-1403.60	-52.72	0.00	0.00	0.00
68	107	175	-8.7	-5.6-1403.78	-1.70	1.01	-3.92-1408.39	-49.44	0.00	0.00	0.00
68	108	176	-8.9	-5.4-1409.27	-1.58	0.00	-3.85-1414.70	-47.67	0.00	0.00	0.00
68	109	177	-9.2	-5.2-1414.60	-1.66	1.00	-3.78-1419.03	-43.94	0.00	0.00	0.00
68	110	178	-9.4	-5.1-1419.77	-1.36	0.00	-3.71-1424.85	-41.68	0.00	0.00	0.00
68	111	179	-9.7	-4.9-1424.80	-1.44	1.00	-3.65-1428.89	-37.65	0.00	0.00	0.00
68	112	180	-9.9	-4.8-1429.67	-1.16	0.00	-3.58-1434.41	-35.10	0.00	0.00	0.00
68	113	181	-10.2	-4.7-1434.40	-1.33	0.99	-3.52-1438.26	-30.88	0.00	0.00	0.00
68	114	182	-10.4	-4.5-1438.99	-1.11	0.00	-3.46-1443.56	-28.10	0.00	0.00	0.00
68	115	183	-10.7	-4.4-1443.43	-1.24	0.99	-3.40-1447.08	-23.56	0.00	0.00	0.00
68	116	184	-10.9	-4.2-1447.74	-0.93	0.00	-3.34-1452.01	-20.41	0.00	0.00	0.00
68	117	185	-11.2	-4.1-1451.90	-1.01	0.98	-3.29-1455.22	-15.55	0.00	0.00	0.00
68	118	186	-11.4	-4.0-1455.94	-0.59	0.00	-3.23-1459.76	-12.02	0.00	0.00	0.00
68	119	187	-11.6	-3.8-1459.84	-0.73	0.98	-3.18-1462.78	-6.97	0.00	0.00	0.00
68	120	188	-11.9	-3.7-1463.62	-1.01	0.00	-3.13-1467.76	-3.87	0.00	0.00	0.00
68	121	189	-12.1	-3.6-1467.26	-1.46	0.97	-3.08-1470.83	1.12	0.00	0.00	0.00
68	122	190	-12.3	-3.5-1470.79	-1.65	0.00	-3.03-1475.47	4.56	0.00	0.00	0.00
68	123	191	-12.6	-3.3-1474.19	-2.52	0.97	-2.98-1478.72	9.37	0.00	0.00	0.00
68	124	192	-12.8	-3.2-1477.46	-2.99	0.00	-2.94-1483.39	12.78	0.00	0.00	0.00
68	125	193	-13.0	-3.1-1480.62	-4.17	0.96	-2.89-1486.73	17.51	0.00	0.00	0.00
68	126	194	-13.2	-3.0-1483.66	-4.51	0.00	-2.85-1491.02	21.29	0.00	0.00	0.00
68	127	195	-13.4	-2.9-1486.59	-3.49	0.95	-2.81-1491.93	28.45	0.00	0.00	0.00
68	128	196	-13.7	-2.8-1489.41	-2.61	0.00	-2.76-1494.78	33.67	0.00	0.00	0.00
68	129	197	-13.9	-2.6-1492.11	-1.36	0.95	-2.72-1495.25	41.28	0.00	0.00	0.00
68	130	198	-14.1	-2.5-1494.71	-0.38	0.00	-2.68-1497.77	46.83	0.00	0.00	0.00
68	131	199	-14.3	-2.4-1497.19	0.29	0.95	-2.65-1498.60	54.06	0.00	0.00	0.00
68	132	200	-14.5	-2.3-1499.58	0.90	0.00	-2.61-1501.28	59.46	0.00	0.00	0.00
68	133	201	-14.7	-2.2-1501.85	1.21	0.94	-2.57-1502.28	66.54	0.00	0.00	0.00
68	134	202	-14.9	-2.1-1504.03	1.59	0.00	-2.54-1504.98	71.90	0.00	0.00	0.00
68	135	203	-15.1	-2.0-1506.11	1.44	0.94	-2.50-1506.23	78.72	0.00	0.00	0.00
68	136	204	-15.3	-1.9-1508.09	1.54	0.00	-2.47-1509.01	84.01	0.00	0.00	0.00
68	137	205	-15.5	-1.8-1509.97	1.29	0.93	-2.43-1510.18	90.92	0.00	0.00	0.00
68	138	206	-15.7	-1.7-1511.76	1.41	0.00	-2.40-1512.75	96.42	0.00	0.00	0.00
68	139	207	-15.9	-1.6-1513.45	1.13	0.93	-2.37-1513.76	103.48	0.00	0.00	0.00
68	140	208	-16.1	-1.6-1515.05	1.15	0.00	-2.34-1516.24	109.07	0.00	0.00	0.00
68	141	209	-16.3	-1.5-1516.56	0.74	0.92	-2.31-1517.21	116.18	0.00	0.00	0.00
68	142	210	-16.4	-1.4-1517.99	0.79	0.00	-2.28-1519.47	121.98	0.00	0.00	0.00
68	143	211	-16.6	-1.3-1519.32	0.39	0.92	-2.25-1520.26	129.27	0.00	0.00	0.00
68	144	212	-16.8	-1.2-1520.57	0.20	0.00	-2.22-1522.59	135.01	0.00	0.00	0.00
68	145	213	-17.0	-1.1-1521.74	-0.63	0.91	-2.19-1523.65	142.02	0.00	0.00	0.00
68	146	214	-17.2	-1.0-1522.82	-0.82	0.00	-2.16-1525.81	147.93	0.00	0.00	0.00
68	147	215	-17.3	-1.0-1523.82	-1.33	0.91	-2.14-1526.38	155.43	0.00	0.00	0.00
68	148	216	-17.5	-0.9-1524.75	-1.37	0.00	-2.11-1528.23	161.65	0.00	0.00	0.00
68	149	217	-17.7	-0.8-1525.59	-1.83	0.91	-2.09-1528.60	169.35	0.00	0.00	0.00
68	150	218	-17.9	-0.7-1526.36	-1.85	0.00	-2.06-1530.27	175.76	0.00	0.00	0.00
68	151	219	-18.0	-0.7-1527.05	-2.46	0.90	-2.04-1530.65	183.45	0.00	0.00	0.00
68	152	220	-18.2	-0.6-1527.67	-2.51	0.00	-2.01-1532.19	189.97	0.00	0.00	0.00
68	153	221	-18.4	-0.5-1528.22	-2.79	0.90	-1.99-1532.10	198.14	0.00	0.00	0.00
68	154	222	-18.5	-0.4-1528.69	-2.62	0.00	-1.97-1533.28	205.03	0.00	0.00	0.00
68	155	223	-18.7	-0.4-1529.10	-2.89	0.89	-1.94-1533.04	213.34	0.00	0.00	0.00

68	156	224-18.8	-0.3-1529.44	-2.76	0.00	-1.92-1534.12	220.34	0.00	0.00	0.00	
68	157	225-19.0	-0.2-1529.71	-3.08	0.89	-1.90-1533.80	228.73	0.00	0.00	0.00	
68	158	226-19.1	-0.2-1529.92	-3.03	0.00	-1.88-1534.82	235.77	0.00	0.00	0.00	
68	159	227-19.3	-0.1-1530.06	-3.53	0.89	-1.86-1534.56	244.11	0.00	0.00	0.00	
69	72	141	2.4-13.7-1084.88	-1.20	1.17	-9.15-1094.05	-10.32	0.00	0.00	0.00	
69	73	142	2.1-13.4-1098.43	-0.91	2.08	-8.88-1106.15	-14.35	0.00	0.00	0.00	
69	74	143	1.8-13.1-1111.68	-0.49	1.17	-8.63-1119.64	-19.76	0.00	0.00	0.00	
69	75	144	1.4-12.8-1124.64	-0.57	2.07	-8.39-1131.54	-23.60	0.00	0.00	0.00	
69	76	145	1.1-12.5-1137.32	-0.34	1.17	-8.16-1144.65	-28.63	0.00	0.00	0.00	
69	77	146	0.8-12.2-1149.71	0.86	2.06	-7.94-1154.73	-30.64	0.00	0.00	0.00	
69	78	147	0.4-12.0-1161.82	0.19	1.17	-7.73-1168.19	-36.03	0.00	0.00	0.00	
69	79	148	0.1-11.7-1173.66	-0.37	2.05	-7.53-1179.50	-39.27	0.00	0.00	0.00	
69	80	149	-0.2-11.4-1185.23	-0.99	1.17	-7.33-1192.38	-44.08	0.00	0.00	0.00	
69	81	150	-0.5-11.2-1196.53	-1.42	2.05	-7.15-1203.05	-46.68	0.00	0.00	0.00	
69	82	151	-0.9-10.9-1207.58	-2.43	1.17	-6.97-1215.81	-51.36	0.00	0.00	0.00	
69	83	152	-1.2-10.7-1218.38	-1.48	2.04	-6.79-1224.61	-52.10	0.00	0.00	0.00	
69	84	153	-1.5-10.4-1228.93	-0.60	1.17	-6.62-1234.98	-54.39	0.00	0.00	0.00	
69	85	154	-1.8-10.2-1239.23	0.17	2.03	-6.46-1243.49	-54.83	-54.55	0.45	0.28	
69	86	155	-2.1	-9.9-1249.29	0.80	1.17	-6.31-1253.63	-56.90	-56.68	1.02	0.22
69	87	156	-2.4	-9.7-1259.12	1.21	2.03	-6.16-1262.05	-57.24	-56.96	1.49	0.28
69	88	157	-2.7	-9.5-1268.72	1.43	1.17	-6.02-1272.13	-59.26	0.00	0.00	0.00
69	89	158	-3.0	-9.3-1278.09	1.62	2.02	-5.88-1280.32	-59.38	0.00	0.00	0.00
69	90	159	-3.3	-9.0-1287.23	1.67	1.17	-5.74-1290.14	-61.12	0.00	0.00	0.00
69	91	160	-3.6	-8.8-1296.16	1.69	2.01	-5.61-1298.07	-60.98	-60.46	2.21	0.52
69	92	161	-3.9	-8.6-1304.87	1.55	1.17	-5.49-1307.64	-62.48	-62.10	1.93	0.38
69	93	162	-4.2	-8.4-1313.37	1.37	2.01	-5.37-1315.36	-62.13	-61.55	1.95	0.58
69	94	163	-4.5	-8.2-1321.66	1.26	1.17	-5.25-1324.49	-63.18	-62.74	1.70	0.44
69	95	164	-4.8	-8.0-1329.75	0.92	2.00	-5.14-1331.97	-62.60	-61.99	1.53	0.61
69	96	165	-5.1	-7.8-1337.64	0.73	1.17	-5.03-1340.77	-63.33	-62.94	1.12	0.39
69	97	166	-5.4	-7.6-1345.34	0.33	2.00	-4.92-1347.93	-62.42	-61.89	0.86	0.53
69	98	167	-5.7	-7.4-1352.84	0.04	1.17	-4.82-1356.45	-62.86	-62.55	0.35	0.31
69	99	168	-6.0	-7.2-1360.15	-0.43	1.99	-4.72-1363.31	-61.65	-61.32	-0.10	0.33
69	100	169	-6.2	-7.0-1367.27	-0.60	1.17	-4.63-1371.33	-61.60	-61.28	-0.28	0.32
69	101	170	-6.5	-6.8-1374.21	-1.07	1.99	-4.54-1377.83	-60.03	-59.80	-0.84	0.23
69	102	171	-6.8	-6.7-1380.97	-1.21	1.17	-4.45-1385.46	-59.58	-59.22	-0.85	0.36
69	103	172	-7.1	-6.5-1387.55	-1.56	1.98	-4.36-1391.49	-57.55	-57.38	-1.39	0.17
69	104	173	-7.3	-6.3-1393.97	-1.52	1.17	-4.28-1398.59	-56.57	-56.27	-1.22	0.30
69	105	174	-7.6	-6.2-1400.20	-1.76	1.98	-4.19-1404.18	-54.09	-53.87	-1.54	0.22
69	106	175	-7.9	-6.0-1406.28	-1.80	1.17	-4.11-1411.02	-52.86	-52.30	-1.24	0.56
69	107	176	-8.1	-5.8-1412.18	-2.14	1.97	-4.04-1416.39	-50.16	0.00	0.00	0.00
69	108	177	-8.4	-5.7-1417.93	-2.01	1.17	-3.96-1422.73	-48.43	0.00	0.00	0.00
69	109	178	-8.6	-5.5-1423.52	-2.12	1.97	-3.89-1427.56	-45.19	0.00	0.00	0.00
69	110	179	-8.9	-5.3-1428.95	-1.87	1.17	-3.82-1433.47	-43.02	0.00	0.00	0.00
69	111	180	-9.2	-5.2-1434.22	-1.93	1.96	-3.75-1437.95	-39.43	0.00	0.00	0.00
69	112	181	-9.4	-5.0-1439.35	-1.64	1.17	-3.69-1443.51	-36.92	0.00	0.00	0.00
69	113	182	-9.7	-4.9-1444.33	-1.80	1.96	-3.62-1447.79	-33.13	0.00	0.00	0.00
69	114	183	-9.9	-4.8-1449.16	-1.56	1.17	-3.56-1453.11	-30.38	0.00	0.00	0.00
69	115	184	-10.1	-4.6-1453.85	-1.68	1.95	-3.50-1457.07	-26.27	0.00	0.00	0.00
69	116	185	-10.4	-4.5-1458.40	-1.40	1.17	-3.44-1462.07	-23.19	0.00	0.00	0.00
69	117	186	-10.6	-4.3-1462.80	-1.44	1.95	-3.38-1465.68	-18.73	0.00	0.00	0.00
69	118	187	-10.9	-4.2-1467.08	-0.99	1.17	-3.33-1470.22	-15.21	0.00	0.00	0.00
69	119	188	-11.1	-4.1-1471.22	-1.06	1.95	-3.27-1473.60	-10.51	0.00	0.00	0.00
69	120	189	-11.3	-3.9-1475.22	-1.37	1.17	-3.22-1478.64	-7.48	0.00	0.00	0.00
69	121	190	-11.6	-3.8-1479.10	-1.79	1.94	-3.17-1482.12	-2.89	0.00	0.00	0.00
69	122	191	-11.8	-3.7-1482.85	-1.94	1.17	-3.12-1486.74	0.56	0.00	0.00	0.00
69	123	192	-12.0	-3.6-1486.48	-2.82	1.94	-3.07-1490.43	4.95	0.00	0.00	0.00
69	124	193	-12.2	-3.4-1489.98	-3.25	1.17	-3.02-1495.08	8.37	0.00	0.00	0.00
69	125	194	-12.5	-3.3-1493.36	-4.40	1.93	-2.97-1498.80	12.72	0.00	0.00	0.00
69	126	195	-12.7	-3.2-1496.62	-4.78	1.17	-2.93-1503.16	16.43	0.00	0.00	0.00
69	127	196	-12.9	-3.1-1499.77	-3.68	1.93	-2.89-1504.40	23.26	0.00	0.00	0.00
69	128	197	-13.1	-3.0-1502.80	-2.81	1.17	-2.84-1507.28	28.45	0.00	0.00	0.00
69	129	198	-13.3	-2.9-1505.72	-1.49	1.93	-2.80-1508.08	35.72	0.00	0.00	0.00
69	130	199	-13.6	-2.7-1508.52	-0.33	1.17	-2.76-1510.44	41.43	0.00	0.00	0.00
69	131	200	-13.8	-2.6-1511.22	0.08	1.92	-2.72-1511.94	48.01	0.00	0.00	0.00
69	132	201	-14.0	-2.5-1513.81	0.76	1.17	-2.68-1514.56	53.46	0.00	0.00	0.00
69	133	202	-14.2	-2.4-1516.30	1.13	1.92	-2.64-1515.89	60.20	0.00	0.00	0.00

69	134	203-14.4	-2.3-1518.67	1.54	1.17	-2.61-1518.57	65.59	0.00	0.00	0.00
69	135	204-14.6	-2.2-1520.95	1.44	1.92	-2.57-1520.17	72.06	0.00	0.00	0.00
69	136	205-14.8	-2.1-1523.13	1.58	1.17	-2.53-1522.91	77.39	0.00	0.00	0.00
69	137	206-15.0	-2.0-1525.21	1.33	1.91	-2.50-1524.47	83.91	0.00	0.00	0.00
69	138	207-15.2	-1.9-1527.19	1.45	1.17	-2.47-1527.04	89.41	0.00	0.00	0.00
69	139	208-15.4	-1.8-1529.08	1.17	1.91	-2.43-1528.43	96.08	0.00	0.00	0.00
69	140	209-15.6	-1.7-1530.87	1.19	1.17	-2.40-1530.91	101.68	0.00	0.00	0.00
69	141	210-15.8	-1.7-1532.57	0.78	1.91	-2.37-1532.26	108.40	0.00	0.00	0.00
69	142	211-15.9	-1.6-1534.18	0.84	1.17	-2.34-1534.51	114.22	0.00	0.00	0.00
69	143	212-16.1	-1.5-1535.70	0.37	1.90	-2.31-1535.74	121.06	0.00	0.00	0.00
69	144	213-16.3	-1.4-1537.14	0.18	1.17	-2.28-1538.06	126.81	0.00	0.00	0.00
69	145	214-16.5	-1.3-1538.48	-0.29	1.90	-2.25-1539.12	133.82	0.00	0.00	0.00
69	146	215-16.7	-1.2-1539.74	-0.68	1.17	-2.22-1541.48	139.54	0.00	0.00	0.00
69	147	216-16.9	-1.1-1540.92	-1.32	1.90	-2.19-1542.54	146.55	0.00	0.00	0.00
69	148	217-17.0	-1.1-1542.02	-1.31	1.17	-2.17-1544.33	152.83	0.00	0.00	0.00
69	149	218-17.2	-1.0-1543.04	-1.78	1.89	-2.14-1545.07	160.16	0.00	0.00	0.00
69	150	219-17.4	-0.9-1543.98	-1.81	1.17	-2.12-1546.73	166.57	0.00	0.00	0.00
69	151	220-17.5	-0.8-1544.84	-2.42	1.89	-2.09-1547.46	173.92	0.00	0.00	0.00
69	152	221-17.7	-0.7-1545.62	-2.47	1.17	-2.07-1548.99	180.46	0.00	0.00	0.00
69	153	222-17.9	-0.7-1546.33	-2.80	1.89	-2.04-1549.29	188.23	0.00	0.00	0.00
69	154	223-18.0	-0.6-1546.97	-2.65	1.17	-2.02-1550.47	195.12	0.00	0.00	0.00
69	155	224-18.2	-0.5-1547.54	-2.98	1.88	-1.99-1550.63	203.03	0.00	0.00	0.00
69	156	225-18.4	-0.5-1548.03	-2.86	1.17	-1.97-1551.69	210.04	0.00	0.00	0.00
69	157	226-18.5	-0.4-1548.46	-3.25	1.88	-1.95-1551.77	218.03	0.00	0.00	0.00
69	158	227-18.7	-0.3-1548.82	-3.23	1.17	-1.93-1552.80	225.07	0.00	0.00	0.00
69	159	228-18.8	-0.3-1549.11	-3.73	1.88	-1.91-1552.86	233.08	0.00	0.00	0.00
69	160	229-19.0	-0.2-1549.34	-3.82	1.17	-1.88-1553.87	240.15	0.00	0.00	0.00
69	161	230-19.1	-0.1-1549.50	-4.38	1.88	-1.86-1553.87	248.22	0.00	0.00	0.00
70	73	143	2.6-13.7-1096.09	-1.19	1.15	-9.16-1105.29	-6.21	0.00	0.00	0.00
70	74	144	2.3-13.4-1109.68	-0.79	0.00	-8.90-1119.37	-12.22	0.00	0.00	0.00
70	75	145	1.9-13.1-1122.97	-0.80	1.14	-8.65-1131.28	-16.06	0.00	0.00	0.00
70	76	146	1.6-12.9-1135.98	0.96	0.00	-8.41-1143.43	-20.14	0.00	0.00	0.00
70	77	147	1.3-12.6-1148.69	0.47	1.13	-8.19-1155.28	-23.92	0.00	0.00	0.00
70	78	148	0.9-12.3-1161.13	-0.25	0.00	-7.97-1169.35	-29.92	0.00	0.00	0.00
70	79	149	0.6-12.0-1173.30	-0.78	1.12	-7.76-1180.72	-33.21	0.00	0.00	0.00
70	80	150	0.3-11.8-1185.19	-1.46	0.00	-7.56-1194.21	-38.63	0.00	0.00	0.00
70	81	151	0.0-11.5-1196.82	-1.87	1.11	-7.36-1204.95	-41.30	0.00	0.00	0.00
70	82	152	-0.3-11.2-1208.19	-2.92	0.00	-7.18-1218.29	-46.57	0.00	0.00	0.00
70	83	153	-0.7-11.0-1219.31	-1.92	1.10	-7.00-1227.13	-47.33	0.00	0.00	0.00
70	84	154	-1.0-10.7-1230.17	-1.04	0.00	-6.83-1238.04	-50.17	0.00	0.00	0.00
70	85	155	-1.3-10.5-1240.79	0.12	1.09	-6.66-1246.23	-50.30	0.00	0.00	0.00
70	86	156	-1.6-10.3-1251.16	0.56	0.00	-6.50-1257.10	-53.09	-53.39	0.26	-0.30
70	87	157	-1.9-10.0-1261.30	0.98	1.08	-6.35-1265.58	-53.50	0.00	0.00	0.00
70	88	158	-2.2-9.8-1271.20	1.38	0.00	-6.20-1276.02	-55.87	-56.02	1.23	-0.15
70	89	159	-2.5-9.6-1280.87	1.65	1.08	-6.05-1284.20	-55.98	0.00	0.00	0.00
70	90	160	-2.8-9.3-1290.32	1.75	0.00	-5.92-1294.49	-58.19	0.00	0.00	0.00
70	91	161	-3.1-9.1-1299.54	1.84	1.07	-5.78-1302.42	-58.06	0.00	0.00	0.00
70	92	162	-3.4-8.9-1308.55	1.82	0.00	-5.65-1312.39	-59.95	0.00	0.00	0.00
70	93	163	-3.7-8.7-1317.35	1.63	1.06	-5.53-1320.19	-59.68	-59.37	1.94	0.31
70	94	164	-4.0-8.5-1325.94	1.47	0.00	-5.41-1329.87	-61.29	0.00	0.00	0.00
70	95	165	-4.3-8.3-1334.31	1.21	1.05	-5.29-1337.34	-60.69	-60.18	1.72	0.51
70	96	166	-4.6-8.1-1342.49	0.96	0.00	-5.18-1346.71	-61.99	-61.59	1.36	0.40
70	97	167	-4.9-7.9-1350.47	0.63	1.04	-5.07-1353.87	-61.07	-60.60	1.10	0.47
70	98	168	-5.1-7.7-1358.25	0.32	0.00	-4.97-1362.90	-62.03	-61.58	0.77	0.45
70	99	169	-5.4-7.5-1365.84	-0.11	1.04	-4.86-1369.78	-60.84	-60.37	0.36	0.47
70	100	170	-5.7-7.3-1373.25	-0.34	0.00	-4.77-1378.35	-61.34	-60.77	0.23	0.57
70	101	171	-6.0-7.1-1380.46	-0.76	1.03	-4.67-1384.86	-59.78	-59.31	-0.29	0.47
70	102	172	-6.3-6.9-1387.50	-0.94	0.00	-4.58-1393.01	-59.86	-59.26	-0.34	0.60
70	103	173	-6.5-6.8-1394.35	-1.32	1.02	-4.49-1399.14	-57.91	-57.56	-0.97	0.35
70	104	174	-6.8-6.6-1401.03	-1.30	0.00	-4.40-1406.73	-57.44	-56.95	-0.81	0.49
70	105	175	-7.1-6.4-1407.54	-1.69	1.02	-4.32-1412.53	-55.16	-54.70	-1.23	0.46
70	106	176	-7.3-6.2-1413.88	-1.74	0.00	-4.24-1419.85	-54.42	-53.50	-0.82	0.92
70	107	177	-7.6-6.1-1420.05	-2.12	1.01	-4.16-1425.31	-51.80	-51.00	-1.32	0.80
70	108	178	-7.9-5.9-1426.05	-2.10	0.00	-4.08-1432.23	-50.65	-49.71	-1.16	0.94
70	109	179	-8.1-5.8-1431.90	-2.26	1.00	-4.00-1437.16	-47.51	0.00	0.00	0.00
70	110	180	-8.4-5.6-1437.58	-2.06	0.00	-3.93-1443.57	-45.85	0.00	0.00	0.00

70	111	181	-8.6	-5.4-1443.11	-2.18	1.00	-3.86-1448.16	-42.36	0.00	0.00	0.00
70	112	182	-8.9	-5.3-1448.49	-2.01	0.00	-3.79-1454.30	-40.43	0.00	0.00	0.00
70	113	183	-9.1	-5.1-1453.72	-2.06	0.99	-3.73-1458.51	-36.58	0.00	0.00	0.00
70	114	184	-9.4	-5.0-1458.80	-1.95	0.00	-3.66-1464.41	-34.40	0.00	0.00	0.00
70	115	185	-9.6	-4.9-1463.73	-2.13	0.99	-3.60-1468.47	-30.39	0.00	0.00	0.00
70	116	186	-9.9	-4.7-1468.52	-1.78	0.00	-3.54-1473.84	-27.69	0.00	0.00	0.00
70	117	187	-10.1	-4.6-1473.17	-1.85	0.98	-3.48-1477.52	-23.29	0.00	0.00	0.00
70	118	188	-10.3	-4.4-1477.68	-1.46	0.00	-3.42-1482.56	-20.27	0.00	0.00	0.00
70	119	189	-10.6	-4.3-1482.05	-1.46	0.98	-3.37-1485.90	-15.54	0.00	0.00	0.00
70	120	190	-10.8	-4.2-1486.29	-1.78	0.00	-3.31-1491.39	-12.95	0.00	0.00	0.00
70	121	191	-11.0	-4.0-1490.40	-2.22	0.97	-3.26-1494.91	-8.40	0.00	0.00	0.00
70	122	192	-11.3	-3.9-1494.38	-2.39	0.00	-3.21-1499.98	-5.40	0.00	0.00	0.00
70	123	193	-11.5	-3.8-1498.24	-3.30	0.97	-3.16-1503.73	-1.08	0.00	0.00	0.00
70	124	194	-11.7	-3.7-1501.96	-3.73	0.00	-3.11-1508.80	1.92	0.00	0.00	0.00
70	125	195	-11.9	-3.5-1505.57	-4.88	0.96	-3.06-1512.55	6.25	0.00	0.00	0.00
70	126	196	-12.2	-3.4-1509.05	-5.19	0.00	-3.01-1517.25	9.61	0.00	0.00	0.00
70	127	197	-12.4	-3.3-1512.42	-4.26	0.95	-2.97-1518.69	16.25	0.00	0.00	0.00
70	128	198	-12.6	-3.2-1515.67	-3.25	0.00	-2.92-1521.84	21.17	0.00	0.00	0.00
70	129	199	-12.8	-3.1-1518.80	-1.80	0.95	-2.88-1522.53	28.55	0.00	0.00	0.00
70	130	200	-13.0	-3.0-1521.82	-0.68	0.00	-2.84-1525.33	33.82	0.00	0.00	0.00
70	131	201	-13.2	-2.8-1524.73	-0.14	0.95	-2.80-1526.72	40.50	0.00	0.00	0.00
70	132	202	-13.5	-2.7-1527.52	0.61	0.00	-2.76-1529.67	45.62	0.00	0.00	0.00
70	133	203	-13.7	-2.6-1530.22	0.89	0.94	-2.72-1531.10	52.26	0.00	0.00	0.00
70	134	204	-13.9	-2.5-1532.80	1.52	0.00	-2.68-1533.96	57.48	0.00	0.00	0.00
70	135	205	-14.1	-2.4-1535.28	1.54	0.94	-2.64-1535.45	64.06	0.00	0.00	0.00
70	136	206	-14.3	-2.3-1537.66	1.74	0.00	-2.60-1538.52	69.05	0.00	0.00	0.00
70	137	207	-14.5	-2.2-1539.94	1.52	0.93	-2.57-1540.06	75.59	0.00	0.00	0.00
70	138	208	-14.7	-2.1-1542.12	1.65	0.00	-2.53-1543.00	80.72	0.00	0.00	0.00
70	139	209	-14.9	-2.0-1544.20	1.39	0.93	-2.50-1544.38	87.41	0.00	0.00	0.00
70	140	210	-15.1	-1.9-1546.18	1.42	0.00	-2.47-1547.23	92.63	0.00	0.00	0.00
70	141	211	-15.2	-1.8-1548.07	1.08	0.92	-2.43-1548.51	99.43	0.00	0.00	0.00
70	142	212	-15.4	-1.7-1549.87	1.11	0.00	-2.40-1551.17	104.84	0.00	0.00	0.00
70	143	213	-15.6	-1.7-1551.58	0.65	0.92	-2.37-1552.38	111.69	0.00	0.00	0.00
70	144	214	-15.8	-1.6-1553.20	0.62	0.00	-2.34-1554.92	117.23	0.00	0.00	0.00
70	145	215	-16.0	-1.5-1554.73	0.02	0.91	-2.31-1556.11	124.12	0.00	0.00	0.00
70	146	216	-16.2	-1.4-1556.17	-0.33	0.00	-2.28-1558.78	129.51	0.00	0.00	0.00
70	147	217	-16.4	-1.3-1557.53	-0.84	0.91	-2.25-1559.72	136.65	0.00	0.00	0.00
70	148	218	-16.5	-1.2-1558.80	-0.92	0.00	-2.23-1561.95	142.49	0.00	0.00	0.00
70	149	219	-16.7	-1.1-1560.00	-1.45	0.91	-2.20-1562.74	149.77	0.00	0.00	0.00
70	150	220	-16.9	-1.1-1561.11	-1.49	0.00	-2.17-1564.77	155.81	0.00	0.00	0.00
70	151	221	-17.1	-1.0-1562.14	-2.11	0.90	-2.15-1565.49	163.16	0.00	0.00	0.00
70	152	222	-17.2	-0.9-1563.09	-2.15	0.00	-2.12-1567.36	169.36	0.00	0.00	0.00
70	153	223	-17.4	-0.8-1563.97	-2.47	0.90	-2.09-1567.64	177.15	0.00	0.00	0.00
70	154	224	-17.6	-0.8-1564.77	-2.32	0.00	-2.07-1569.16	183.70	0.00	0.00	0.00
70	155	225	-17.7	-0.7-1565.50	-2.66	0.89	-2.05-1569.31	191.62	0.00	0.00	0.00
70	156	226	-17.9	-0.6-1566.16	-2.60	0.00	-2.02-1570.78	198.23	0.00	0.00	0.00
70	157	227	-18.0	-0.5-1566.74	-3.05	0.89	-2.00-1570.90	206.18	0.00	0.00	0.00
70	158	228	-18.2	-0.5-1567.25	-3.05	0.00	-1.98-1572.28	212.87	0.00	0.00	0.00
70	159	229	-18.4	-0.4-1567.70	-3.67	0.89	-1.95-1572.44	220.78	0.00	0.00	0.00
70	160	230	-18.5	-0.3-1568.08	-3.83	0.00	-1.93-1573.84	227.45	0.00	0.00	0.00
70	161	231	-18.7	-0.3-1568.39	-4.45	0.88	-1.91-1573.87	235.49	0.00	0.00	0.00
70	162	232	-18.8	-0.2-1568.64	-4.58	0.00	-1.89-1575.11	242.33	0.00	0.00	0.00
70	163	233	-19.0	-0.2-1568.83	-4.76	0.88	-1.87-1574.58	250.93	0.00	0.00	0.00
70	164	234	0.0	0.0	0.00	-4.40	0.00	0.00	0.00	0.00	0.00
71	75	146	2.4-13.5-1120.79	-1.17	2.06	-8.91-1128.82	-6.32	0.00	0.00	0.00	0.00
71	76	147	2.1-13.2-1134.13	0.36	1.16	-8.67-1141.27	-10.71	0.00	0.00	0.00	0.00
71	77	148	1.8-12.9-1147.17	-0.08	2.05	-8.43-1153.64	-14.99	0.00	0.00	0.00	0.00
71	78	149	1.5-12.6-1159.94	-0.80	1.16	-8.21-1167.79	-21.08	0.00	0.00	0.00	0.00
71	79	150	1.1-12.3-1172.43	-1.27	2.04	-7.99-1179.65	-24.86	0.00	0.00	0.00	0.00
71	80	151	0.8-12.1-1184.64	-1.88	1.16	-7.79-1193.15	-30.30	0.00	0.00	0.00	0.00
71	81	152	0.5-11.8-1196.59	-2.28	2.04	-7.59-1204.42	-33.50	0.00	0.00	0.00	0.00
71	82	153	0.2-11.6-1208.28	-3.30	1.16	-7.39-1217.82	-38.82	0.00	0.00	0.00	0.00
71	83	154	-0.1-11.3-1219.71	-2.32	2.03	-7.21-1227.21	-40.14	0.00	0.00	0.00	0.00
71	84	155	-0.5-11.0-1230.89	-1.42	1.16	-7.03-1238.18	-43.04	0.00	0.00	0.00	0.00
71	85	156	-0.8-10.8-1241.82	-0.35	2.02	-6.86-1247.00	-43.79	0.00	0.00	0.00	0.00
71	86	157	-1.1-10.6-1252.50	0.16	1.16	-6.69-1257.88	-46.59	0.00	0.00	0.00	0.00

71	87	158	-1.4	-10.3	-1262.94	0.61	2.02	-6.54	-1266.85	-47.50	-47.34	0.77	0.16
71	88	159	-1.7	-10.1	-1273.15	1.02	1.16	-6.38	-1277.35	-49.93	-49.72	1.23	0.21
71	89	160	-2.0	-9.9	-1283.13	1.32	2.01	-6.23	-1286.03	-50.53	0.00	0.00	0.00
71	90	161	-2.3	-9.6	-1292.88	1.50	1.16	-6.09	-1296.31	-52.74	0.00	0.00	0.00
71	91	162	-2.6	-9.4	-1302.40	1.65	2.00	-5.95	-1304.70	-53.06	0.00	0.00	0.00
71	92	163	-2.9	-9.2	-1311.71	1.73	1.16	-5.82	-1314.64	-54.93	-54.77	1.89	0.16
71	93	164	-3.2	-9.0	-1320.80	1.65	2.00	-5.69	-1322.84	-55.06	0.00	0.00	0.00
71	94	165	-3.5	-8.8	-1329.67	1.43	1.16	-5.57	-1332.65	-56.80	-56.26	1.97	0.54
71	95	166	-3.8	-8.6	-1338.34	1.21	1.99	-5.45	-1340.59	-56.66	-56.11	1.76	0.55
71	96	167	-4.0	-8.4	-1346.81	1.06	1.16	-5.33	-1349.92	-57.92	-57.47	1.51	0.45
71	97	168	-4.3	-8.2	-1355.07	0.75	1.99	-5.22	-1357.55	-57.48	-57.09	1.14	0.39
71	98	169	-4.6	-8.0	-1363.14	0.44	1.16	-5.11	-1366.65	-58.51	-58.08	0.87	0.43
71	99	170	-4.9	-7.8	-1371.01	0.07	1.98	-5.01	-1373.96	-57.75	-57.31	0.51	0.44
71	100	171	-5.2	-7.6	-1378.69	-0.17	1.16	-4.91	-1382.60	-58.32	-57.83	0.32	0.49
71	101	172	-5.4	-7.4	-1386.18	-0.60	1.98	-4.81	-1389.61	-57.25	-56.74	-0.09	0.51
71	102	173	-5.7	-7.2	-1393.49	-0.74	1.16	-4.71	-1397.78	-57.35	-56.89	-0.28	0.46
71	103	174	-6.0	-7.0	-1400.61	-1.18	1.97	-4.62	-1404.44	-55.94	-55.58	-0.82	0.36
71	104	175	-6.3	-6.9	-1407.56	-1.23	1.16	-4.53	-1412.17	-55.60	-55.17	-0.80	0.43
71	105	176	-6.5	-6.7	-1414.34	-1.62	1.97	-4.44	-1418.43	-53.79	-53.39	-1.22	0.40
71	106	177	-6.8	-6.5	-1420.94	-1.81	1.16	-4.36	-1425.95	-53.24	-52.40	-0.97	0.84
71	107	178	-7.1	-6.3	-1427.37	-2.22	1.96	-4.28	-1431.91	-51.12	-50.36	-1.46	0.76
71	108	179	-7.3	-6.2	-1433.64	-2.25	1.16	-4.20	-1438.93	-50.07	-49.12	-1.30	0.95
71	109	180	-7.6	-6.0	-1439.74	-2.42	1.96	-4.12	-1444.33	-47.40	-46.69	-1.71	0.71
71	110	181	-7.8	-5.9	-1445.68	-2.30	1.16	-4.05	-1450.87	-45.87	0.00	0.00	0.00
71	111	182	-8.1	-5.7	-1451.47	-2.48	1.95	-3.97	-1455.97	-42.90	0.00	0.00	0.00
71	112	183	-8.3	-5.5	-1457.10	-2.24	1.16	-3.90	-1462.08	-40.94	0.00	0.00	0.00
71	113	184	-8.6	-5.4	-1462.57	-2.58	1.95	-3.83	-1467.04	-37.83	0.00	0.00	0.00
71	114	185	-8.8	-5.2	-1467.90	-2.33	1.16	-3.77	-1472.84	-35.55	0.00	0.00	0.00
71	115	186	-9.1	-5.1	-1473.08	-2.56	1.94	-3.70	-1477.40	-32.04	0.00	0.00	0.00
71	116	187	-9.3	-5.0	-1478.11	-2.29	1.16	-3.64	-1482.88	-29.45	0.00	0.00	0.00
71	117	188	-9.6	-4.8	-1483.00	-2.39	1.94	-3.58	-1487.03	-25.53	0.00	0.00	0.00
71	118	189	-9.8	-4.7	-1487.75	-1.99	1.16	-3.52	-1492.10	-22.53	0.00	0.00	0.00
71	119	190	-10.0	-4.5	-1492.36	-1.83	1.94	-3.46	-1495.72	-18.08	0.00	0.00	0.00
71	120	191	-10.3	-4.4	-1496.84	-2.16	1.16	-3.40	-1501.24	-15.53	0.00	0.00	0.00
71	121	192	-10.5	-4.3	-1501.18	-2.62	1.93	-3.35	-1505.22	-11.43	0.00	0.00	0.00
71	122	193	-10.7	-4.1	-1505.39	-2.81	1.16	-3.30	-1510.34	-8.48	0.00	0.00	0.00
71	123	194	-11.0	-4.0	-1509.47	-3.74	1.93	-3.24	-1514.53	-4.60	0.00	0.00	0.00
71	124	195	-11.2	-3.9	-1513.42	-4.14	1.16	-3.19	-1519.60	-1.60	0.00	0.00	0.00
71	125	196	-11.4	-3.8	-1517.25	-5.22	1.92	-3.14	-1523.69	2.38	0.00	0.00	0.00
71	126	197	-11.6	-3.6	-1520.96	-5.49	1.16	-3.10	-1528.39	5.75	0.00	0.00	0.00
71	127	198	-11.9	-3.5	-1524.54	-4.66	1.92	-3.05	-1530.33	11.88	0.00	0.00	0.00
71	128	199	-12.1	-3.4	-1528.01	-3.64	1.16	-3.00	-1533.49	16.79	0.00	0.00	0.00
71	129	200	-12.3	-3.3	-1531.36	-2.24	1.92	-2.96	-1534.64	23.71	0.00	0.00	0.00
71	130	201	-12.5	-3.2	-1534.59	-1.01	1.16	-2.91	-1537.36	29.07	0.00	0.00	0.00
71	131	202	-12.7	-3.1	-1537.71	-0.45	1.91	-2.87	-1539.12	35.38	0.00	0.00	0.00
71	132	203	-12.9	-3.0	-1540.72	0.33	1.16	-2.83	-1542.06	40.51	0.00	0.00	0.00
71	133	204	-13.1	-2.8	-1543.62	0.67	1.91	-2.79	-1543.83	46.81	0.00	0.00	0.00
71	134	205	-13.4	-2.7	-1546.41	1.30	1.16	-2.75	-1546.70	52.01	0.00	0.00	0.00
71	135	206	-13.6	-2.6	-1549.10	1.36	1.91	-2.71	-1548.54	58.24	0.00	0.00	0.00
71	136	207	-13.8	-2.5	-1551.68	1.63	1.16	-2.67	-1551.56	63.29	0.00	0.00	0.00
71	137	208	-14.0	-2.4	-1554.16	1.50	1.90	-2.64	-1553.39	69.53	0.00	0.00	0.00
71	138	209	-14.2	-2.3	-1556.53	1.59	1.16	-2.60	-1556.39	74.61	0.00	0.00	0.00
71	139	210	-14.4	-2.2	-1558.81	1.33	1.90	-2.57	-1558.15	80.92	0.00	0.00	0.00
71	140	211	-14.6	-2.1	-1560.99	1.38	1.16	-2.53	-1560.98	86.16	0.00	0.00	0.00
71	141	212	-14.7	-2.0	-1563.08	1.06	1.90	-2.50	-1562.62	92.59	0.00	0.00	0.00
71	142	213	-14.9	-1.9	-1565.06	1.05	1.16	-2.47	-1565.32	97.96	0.00	0.00	0.00
71	143	214	-15.1	-1.8	-1566.96	0.64	1.89	-2.43	-1566.86	104.49	0.00	0.00	0.00
71	144	215	-15.3	-1.8	-1568.76	0.60	1.16	-2.40	-1569.41	110.02	0.00	0.00	0.00
71	145	216	-15.5	-1.7	-1570.48	0.04	1.89	-2.37	-1570.92	116.58	0.00	0.00	0.00
71	146	217	-15.7	-1.6	-1572.10	-0.02	1.16	-2.34	-1573.31	122.26	0.00	0.00	0.00
71	147	218	-15.9	-1.5	-1573.64	-0.52	1.89	-2.31	-1574.59	129.05	0.00	0.00	0.00
71	148	219	-16.0	-1.4	-1575.10	-0.94	1.16	-2.28	-1577.16	134.55	0.00	0.00	0.00
71	149	220	-16.2	-1.3	-1576.47	-1.42	1.88	-2.26	-1578.26	141.52	0.00	0.00	0.00
71	150	221	-16.4	-1.2	-1577.75	-1.49	1.16	-2.23	-1580.31	147.54	0.00	0.00	0.00
71	151	222	-16.6	-1.2	-1578.96	-2.11	1.88	-2.20	-1581.39	154.54	0.00	0.00	0.00
71	152	223	-16.7	-1.1	-1580.08	-2.18	1.16	-2.17	-1583.28	160.72	0.00	0.00	0.00

71	153	224-16.9	-1.0-1581.13	-2.49	1.88	-2.15-1583.89	168.18	0.00	0.00	0.00
71	154	225-17.1	-0.9-1582.10	-2.39	1.16	-2.12-1585.45	174.69	0.00	0.00	0.00
71	155	226-17.2	-0.9-1582.99	-2.72	1.87	-2.10-1585.93	182.28	0.00	0.00	0.00
71	156	227-17.4	-0.8-1583.81	-2.65	1.16	-2.07-1587.37	188.91	0.00	0.00	0.00
71	157	228-17.6	-0.7-1584.55	-3.11	1.87	-2.05-1587.84	196.51	0.00	0.00	0.00
71	158	229-17.7	-0.6-1585.23	-3.17	1.16	-2.03-1589.27	203.16	0.00	0.00	0.00
71	159	230-17.9	-0.6-1585.83	-3.81	1.87	-2.00-1589.77	210.72	0.00	0.00	0.00
71	160	231-18.0	-0.5-1586.36	-4.02	1.16	-1.98-1591.21	217.36	0.00	0.00	0.00
71	161	232-18.2	-0.4-1586.83	-4.69	1.87	-1.96-1591.61	225.03	0.00	0.00	0.00
71	162	233-18.4	-0.4-1587.23	-4.85	1.16	-1.94-1592.86	231.86	0.00	0.00	0.00
71	163	234-18.5	-0.3-1587.56	-4.99	1.86	-1.92-1592.60	240.18	0.00	0.00	0.00
71	164	235-18.7	-0.2-1587.83	-4.81	1.16	-1.90-1593.38	247.48	0.00	0.00	0.00
71	165	236-18.8	-0.2-1588.03	-4.94	1.86	-1.88-1592.99	255.94	0.00	0.00	0.00
71	166	237-18.9	-0.1-1588.18	-4.73	1.16	-1.86-1593.61	263.39	0.00	0.00	0.00
72	77	149	2.3-13.2-1145.15	-0.33	1.13	-8.69-1153.03	-7.12	0.00	0.00	0.00
72	78	150	2.0-12.9-1158.24	-1.14	0.00	-8.45-1167.83	-13.84	0.00	0.00	0.00
72	79	151	1.6-12.7-1171.05	-1.64	1.12	-8.23-1179.80	-17.74	0.00	0.00	0.00
72	80	152	1.3-12.4-1183.59	-2.33	0.00	-8.02-1193.93	-23.80	0.00	0.00	0.00
72	81	153	1.0-12.1-1195.85	-2.82	1.11	-7.81-1205.38	-27.17	0.00	0.00	0.00
72	82	154	0.7-11.9-1207.86	-3.98	0.00	-7.61-1219.45	-33.18	0.00	0.00	0.00
72	83	155	0.4-11.6-1219.60	-2.88	1.10	-7.42-1228.80	-34.46	0.00	0.00	0.00
72	84	156	0.1-11.4-1231.09	-2.02	0.00	-7.24-1240.35	-37.93	0.00	0.00	0.00
72	85	157	-0.3-11.1-1242.33	-0.96	1.09	-7.06-1249.26	-38.77	0.00	0.00	0.00
72	86	158	-0.6-10.9-1253.32	-0.10	0.00	-6.89-1260.31	-41.76	0.00	0.00	0.00
72	87	159	-0.9-10.6-1264.07	0.28	1.08	-6.73-1269.44	-42.81	0.00	0.00	0.00
72	88	160	-1.2-10.4-1274.58	0.74	0.00	-6.57-1280.42	-45.71	-46.06	0.39	-0.35
72	89	161	-1.5-10.2-1284.86	1.13	1.08	-6.42-1289.08	-46.30	0.00	0.00	0.00
72	90	162	-1.8-9.9-1294.91	1.38	0.00	-6.27-1299.80	-48.96	-49.18	1.16	-0.22
72	91	163	-2.1-9.7-1304.73	1.58	1.07	-6.13-1308.21	-49.30	0.00	0.00	0.00
72	92	164	-2.4-9.5-1314.33	1.72	0.00	-5.99-1318.61	-51.62	0.00	0.00	0.00
72	93	165	-2.7-9.3-1323.72	1.74	1.06	-5.86-1326.78	-51.72	0.00	0.00	0.00
72	94	166	-2.9-9.1-1332.89	1.68	0.00	-5.73-1336.94	-53.81	0.00	0.00	0.00
72	95	167	-3.2-8.9-1341.84	1.47	1.05	-5.61-1344.93	-53.73	0.00	0.00	0.00
72	96	168	-3.5-8.6-1350.59	1.27	0.00	-5.49-1354.81	-55.54	0.00	0.00	0.00
72	97	169	-3.8-8.4-1359.14	1.02	1.04	-5.37-1362.45	-55.10	-54.81	1.31	0.29
72	98	170	-4.1-8.2-1367.49	0.76	0.00	-5.26-1371.99	-56.57	0.00	0.00	0.00
72	99	171	-4.4-8.1-1375.64	0.42	1.04	-5.15-1379.34	-55.85	0.00	0.00	0.00
72	100	172	-4.6-7.9-1383.60	0.20	0.00	-5.05-1388.45	-56.89	-56.39	0.70	0.50
72	101	173	-4.9-7.7-1391.37	-0.17	1.03	-4.95-1395.45	-55.82	0.00	0.00	0.00
72	102	174	-5.2-7.5-1398.95	-0.38	0.00	-4.85-1404.18	-56.48	-55.85	0.25	0.63
72	103	175	-5.5-7.3-1406.35	-0.80	1.02	-4.75-1410.88	-55.10	-54.49	-0.19	0.61
72	104	176	-5.7-7.1-1413.57	-0.90	0.00	-4.66-1419.13	-55.28	-54.58	-0.20	0.70
72	105	177	-6.0-6.9-1420.61	-1.33	1.02	-4.57-1425.49	-53.57	-52.89	-0.65	0.68
72	106	178	-6.3-6.8-1427.47	-1.53	0.00	-4.48-1433.49	-53.50	-52.45	-0.48	1.05
72	107	179	-6.5-6.6-1434.17	-1.97	1.01	-4.40-1439.53	-51.47	-50.47	-0.97	1.00
72	108	180	-6.8-6.4-1440.70	-1.99	0.00	-4.32-1447.00	-50.87	-49.79	-0.91	1.08
72	109	181	-7.0-6.3-1447.06	-2.19	1.00	-4.24-1452.48	-48.28	-47.42	-1.33	0.86
72	110	182	-7.3-6.1-1453.26	-2.16	0.00	-4.16-1459.58	-47.30	-46.06	-0.92	1.24
72	111	183	-7.6-6.0-1459.30	-2.36	1.00	-4.09-1464.74	-44.40	-43.29	-1.25	1.11
72	112	184	-7.8-5.8-1465.18	-2.25	0.00	-4.01-1471.44	-43.02	-41.50	-0.73	1.52
72	113	185	-8.1-5.6-1470.90	-2.38	0.99	-3.94-1476.23	-39.74	0.00	0.00	0.00
72	114	186	-8.3-5.5-1476.48	-2.42	0.00	-3.87-1482.77	-38.21	0.00	0.00	0.00
72	115	187	-8.6-5.3-1481.90	-2.67	0.99	-3.81-1487.39	-34.76	0.00	0.00	0.00
72	116	188	-8.8-5.2-1487.18	-2.47	0.00	-3.74-1493.39	-32.69	0.00	0.00	0.00
72	117	189	-9.0-5.1-1492.31	-2.52	0.98	-3.68-1497.53	-28.75	0.00	0.00	0.00
72	118	190	-9.3-4.9-1497.30	-2.46	0.00	-3.62-1503.37	-26.53	0.00	0.00	0.00
72	119	191	-9.5-4.8-1502.14	-2.25	0.98	-3.56-1506.98	-22.06	0.00	0.00	0.00
72	120	192	-9.8-4.6-1506.86	-2.60	0.00	-3.50-1512.96	-19.97	0.00	0.00	0.00
72	121	193-10.0	-4.5-1511.43	-3.12	0.97	-3.44-1517.02	-15.96	0.00	0.00	0.00
72	122	194-10.2	-4.4-1515.87	-3.48	0.00	-3.39-1522.74	-13.61	0.00	0.00	0.00
72	123	195-10.4	-4.2-1520.18	-4.33	0.97	-3.33-1526.88	-9.68	0.00	0.00	0.00
72	124	196-10.7	-4.1-1524.36	-4.76	0.00	-3.28-1532.41	-7.13	0.00	0.00	0.00
72	125	197-10.9	-4.0-1528.42	-5.81	0.96	-3.23-1536.50	-3.15	0.00	0.00	0.00
72	126	198-11.1	-3.9-1532.35	-6.10	0.00	-3.18-1541.63	-0.21	0.00	0.00	0.00
72	127	199-11.3	-3.7-1536.15	-5.26	0.95	-3.13-1543.59	5.90	0.00	0.00	0.00
72	128	200-11.6	-3.6-1539.84	-4.24	0.00	-3.09-1547.16	10.40	0.00	0.00	0.00

72	129	201-11.8	-3.5-1543.40	-3.03	0.95	-3.04-1548.52	17.11	0.00	0.00	0.00
72	130	202-12.0	-3.4-1546.85	-1.71	0.00	-2.99-1551.56	22.15	0.00	0.00	0.00
72	131	203-12.2	-3.3-1550.19	-0.81	0.95	-2.95-1553.00	28.77	0.00	0.00	0.00
72	132	204-12.4	-3.2-1553.41	0.01	0.00	-2.91-1556.30	33.54	0.00	0.00	0.00
72	133	205-12.6	-3.0-1556.51	0.51	0.94	-2.87-1557.93	39.99	0.00	0.00	0.00
72	134	206-12.8	-2.9-1559.51	0.99	0.00	-2.82-1561.35	44.64	0.00	0.00	0.00
72	135	207-13.0	-2.8-1562.40	1.35	0.94	-2.79-1562.90	51.16	0.00	0.00	0.00
72	136	208-13.3	-2.7-1565.19	1.66	0.00	-2.75-1566.27	55.86	0.00	0.00	0.00
72	137	209-13.5	-2.6-1567.87	1.54	0.93	-2.71-1568.10	62.10	0.00	0.00	0.00
72	138	210-13.7	-2.5-1570.44	1.74	0.00	-2.67-1571.37	66.90	0.00	0.00	0.00
72	139	211-13.9	-2.4-1572.92	1.49	0.93	-2.64-1573.14	73.21	0.00	0.00	0.00
72	140	212-14.0	-2.3-1575.30	1.54	0.00	-2.60-1576.35	78.06	0.00	0.00	0.00
72	141	213-14.2	-2.2-1577.57	1.23	0.92	-2.57-1577.98	84.50	0.00	0.00	0.00
72	142	214-14.4	-2.1-1579.75	1.28	0.00	-2.53-1581.00	89.56	0.00	0.00	0.00
72	143	215-14.6	-2.0-1581.84	0.87	0.92	-2.50-1582.55	96.08	0.00	0.00	0.00
72	144	216-14.8	-1.9-1583.83	0.82	0.00	-2.47-1585.48	101.22	0.00	0.00	0.00
72	145	217-15.0	-1.9-1585.73	0.32	0.91	-2.43-1586.93	107.84	0.00	0.00	0.00
72	146	218-15.2	-1.8-1587.54	0.26	0.00	-2.40-1589.69	113.16	0.00	0.00	0.00
72	147	219-15.4	-1.7-1589.26	-0.22	0.91	-2.37-1590.95	119.97	0.00	0.00	0.00
72	148	220-15.6	-1.6-1590.90	-0.33	0.00	-2.34-1593.57	125.42	0.00	0.00	0.00
72	149	221-15.7	-1.5-1592.45	-1.06	0.91	-2.31-1594.92	132.14	0.00	0.00	0.00
72	150	222-15.9	-1.4-1593.91	-1.17	0.00	-2.29-1597.37	137.77	0.00	0.00	0.00
72	151	223-16.1	-1.3-1595.29	-1.71	0.90	-2.26-1598.36	144.85	0.00	0.00	0.00
72	152	224-16.3	-1.3-1596.59	-1.85	0.00	-2.23-1600.67	150.60	0.00	0.00	0.00
72	153	225-16.4	-1.2-1597.81	-2.05	0.90	-2.20-1601.16	158.18	0.00	0.00	0.00
72	154	226-16.6	-1.1-1598.94	-2.01	0.00	-2.18-1603.13	164.29	0.00	0.00	0.00
72	155	227-16.8	-1.0-1600.00	-2.07	0.89	-2.15-1603.33	172.15	0.00	0.00	0.00
72	156	228-16.9	-0.9-1600.99	-2.09	0.00	-2.13-1605.21	178.35	0.00	0.00	0.00
72	157	229-17.1	-0.9-1601.90	-2.61	0.89	-2.10-1605.72	185.91	0.00	0.00	0.00
72	158	230-17.3	-0.8-1602.73	-2.93	0.00	-2.08-1607.74	191.96	0.00	0.00	0.00
72	159	231-17.4	-0.7-1603.49	-3.62	0.89	-2.06-1608.28	199.49	0.00	0.00	0.00
72	160	232-17.6	-0.7-1604.18	-3.86	0.00	-2.03-1610.08	205.77	0.00	0.00	0.00
72	161	233-17.7	-0.6-1604.80	-4.56	0.88	-2.01-1610.49	213.43	0.00	0.00	0.00
72	162	234-17.9	-0.5-1605.36	-4.77	0.00	-1.99-1612.11	219.88	0.00	0.00	0.00
72	163	235-18.1	-0.4-1605.84	-4.98	0.88	-1.97-1611.91	228.15	0.00	0.00	0.00
72	164	236-18.2	-0.4-1606.26	-4.70	0.00	-1.95-1612.90	235.23	0.00	0.00	0.00
72	165	237-18.3	-0.3-1606.61	-5.02	0.88	-1.92-1612.68	243.52	0.00	0.00	0.00
72	166	238-18.5	-0.3-1606.90	-4.81	0.00	-1.90-1613.61	250.66	0.00	0.00	0.00
72	167	239-18.6	-0.2-1607.13	-5.15	0.87	-1.88-1613.29	259.06	0.00	0.00	0.00
72	168	240-18.8	-0.1-1607.29	-3.26	0.00	-1.86-1612.42	268.00	0.00	0.00	0.00
73	78	151	2.5-13.3-1156.04	-1.81	1.15	-8.70-1165.40	-4.14	0.00	0.00	0.00
73	79	152	2.1-13.0-1169.17	-2.33	2.04	-8.47-1177.94	-8.60	0.00	0.00	0.00
73	80	153	1.8-12.7-1182.03	-3.03	1.15	-8.25-1192.16	-14.75	0.00	0.00	0.00
73	81	154	1.5-12.4-1194.61	-3.49	2.03	-8.04-1204.11	-18.63	0.00	0.00	0.00
73	82	155	1.2-12.2-1206.93	-4.67	1.15	-7.84-1218.29	-24.74	0.00	0.00	0.00
73	83	156	0.9-11.9-1218.99	-3.53	2.02	-7.64-1228.13	-26.51	0.00	0.00	0.00
73	84	157	0.6-11.7-1230.79	-2.71	1.15	-7.45-1239.80	-30.11	0.00	0.00	0.00
73	85	158	0.3-11.4-1242.33	-1.52	2.01	-7.27-1249.11	-31.34	0.00	0.00	0.00
73	86	159	-0.1-11.2-1253.63	-0.79	1.15	-7.09-1260.37	-34.53	0.00	0.00	0.00
73	87	160	-0.4-10.9-1264.69	-0.31	2.01	-6.92-1269.92	-36.01	0.00	0.00	0.00
73	88	161	-0.7-10.7-1275.50	0.24	1.15	-6.76-1280.88	-38.90	0.00	0.00	0.00
73	89	162	-1.0-10.5-1286.08	0.62	2.00	-6.60-1290.06	-40.01	-39.90	0.73	0.11
73	90	163	-1.3-10.2-1296.43	0.93	1.15	-6.45-1300.80	-42.68	-42.54	1.07	0.14
73	91	164	-1.6-10.0-1306.55	1.18	2.00	-6.31-1309.68	-43.49	0.00	0.00	0.00
73	92	165	-1.8-9.8-1316.44	1.38	1.15	-6.17-1320.08	-45.82	0.00	0.00	0.00
73	93	166	-2.1-9.6-1326.12	1.46	1.99	-6.03-1328.70	-46.36	0.00	0.00	0.00
73	94	167	-2.4-9.3-1335.58	1.45	1.15	-5.90-1338.88	-48.47	0.00	0.00	0.00
73	95	168	-2.7-9.1-1344.82	1.38	1.98	-5.77-1347.23	-48.75	0.00	0.00	0.00
73	96	169	-3.0-8.9-1353.86	1.18	1.15	-5.65-1357.18	-50.63	0.00	0.00	0.00
73	97	170	-3.3-8.7-1362.69	0.97	1.98	-5.53-1365.27	-50.65	0.00	0.00	0.00
73	98	171	-3.6-8.5-1371.32	0.74	1.15	-5.41-1374.85	-52.15	0.00	0.00	0.00
73	99	172	-3.8-8.3-1379.75	0.47	1.97	-5.30-1382.61	-51.85	-51.47	0.85	0.38
73	100	173	-4.1-8.1-1387.99	0.26	1.15	-5.19-1391.77	-52.94	0.00	0.00	0.00
73	101	174	-4.4-7.9-1396.03	-0.04	1.97	-5.09-1399.19	-52.29	0.00	0.00	0.00
73	102	175	-4.7-7.8-1403.89	-0.27	1.15	-4.99-1408.00	-53.02	0.00	0.00	0.00
73	103	176	-4.9-7.6-1411.56	-0.69	1.96	-4.89-1415.17	-52.12	-51.47	-0.04	0.65

73	104	177	-5.2	-7.4-1419.05	-0.81	1.15	-4.79-1423.50	-52.38	-51.73	-0.16	0.65
73	105	178	-5.5	-7.2-1426.35	-1.23	1.96	-4.70-1430.33	-51.13	-50.54	-0.64	0.59
73	106	179	-5.7	-7.0-1433.49	-1.53	1.15	-4.61-1438.48	-51.21	-50.37	-0.69	0.84
73	107	180	-6.0	-6.9-1440.44	-1.93	1.95	-4.52-1444.94	-49.61	-48.94	-1.26	0.67
73	108	181	-6.3	-6.7-1447.23	-2.02	1.15	-4.44-1452.54	-49.13	-48.44	-1.33	0.69
73	109	182	-6.5	-6.5-1453.85	-2.29	1.95	-4.36-1458.55	-47.07	-46.44	-1.66	0.63
73	110	183	-6.8	-6.4-1460.31	-2.21	1.15	-4.28-1465.64	-46.09	-45.30	-1.42	0.79
73	111	184	-7.0	-6.2-1466.60	-2.52	1.94	-4.20-1471.38	-43.75	-42.84	-1.61	0.91
73	112	185	-7.3	-6.1-1472.73	-2.46	1.15	-4.13-1478.17	-42.47	-41.40	-1.39	1.07
73	113	186	-7.5	-5.9-1478.71	-2.76	1.94	-4.05-1483.58	-39.82	-38.62	-1.56	1.20
73	114	187	-7.8	-5.7-1484.53	-2.84	1.15	-3.98-1490.20	-38.37	0.00	0.00	0.00
73	115	188	-8.0	-5.6-1490.20	-3.03	1.93	-3.91-1495.21	-35.30	0.00	0.00	0.00
73	116	189	-8.3	-5.4-1495.72	-2.91	1.15	-3.85-1501.33	-33.35	0.00	0.00	0.00
73	117	190	-8.5	-5.3-1501.09	-3.00	1.93	-3.78-1505.94	-29.89	0.00	0.00	0.00
73	118	191	-8.8	-5.2-1506.32	-3.12	1.15	-3.72-1512.01	-27.89	0.00	0.00	0.00
73	119	192	-9.0	-5.0-1511.41	-2.69	1.93	-3.66-1515.83	-23.63	0.00	0.00	0.00
73	120	193	-9.2	-4.9-1516.35	-3.07	1.15	-3.60-1521.87	-21.61	0.00	0.00	0.00
73	121	194	-9.5	-4.7-1521.16	-3.63	1.92	-3.54-1526.41	-18.07	0.00	0.00	0.00
73	122	195	-9.7	-4.6-1525.83	-4.03	1.15	-3.48-1532.20	-15.79	0.00	0.00	0.00
73	123	196	-9.9	-4.5-1530.38	-4.87	1.92	-3.43-1536.75	-12.27	0.00	0.00	0.00
73	124	197	-10.2	-4.3-1534.78	-5.30	1.15	-3.37-1542.31	-9.76	0.00	0.00	0.00
73	125	198	-10.4	-4.2-1539.06	-6.32	1.91	-3.32-1546.79	-6.17	0.00	0.00	0.00
73	126	199	-10.6	-4.1-1543.22	-6.59	1.15	-3.27-1551.93	-3.23	0.00	0.00	0.00
73	127	200	-10.8	-4.0-1547.25	-5.75	1.91	-3.22-1554.30	2.46	0.00	0.00	0.00
73	128	201	-11.1	-3.8-1551.15	-4.74	1.15	-3.17-1557.91	6.93	0.00	0.00	0.00
73	129	202	-11.3	-3.7-1554.93	-3.43	1.91	-3.12-1559.58	13.33	0.00	0.00	0.00
73	130	203	-11.5	-3.6-1558.60	-2.20	1.15	-3.07-1562.72	18.25	0.00	0.00	0.00
73	131	204	-11.7	-3.5-1562.15	-1.34	1.90	-3.03-1564.61	24.44	0.00	0.00	0.00
73	132	205	-11.9	-3.4-1565.58	-0.43	1.15	-2.99-1567.84	29.28	0.00	0.00	0.00
73	133	206	-12.1	-3.3-1568.90	0.05	1.90	-2.94-1569.89	35.30	0.00	0.00	0.00
73	134	207	-12.3	-3.1-1572.10	0.61	1.15	-2.90-1573.25	40.02	0.00	0.00	0.00
73	135	208	-12.5	-3.0-1575.20	1.03	1.90	-2.86-1575.13	46.20	0.00	0.00	0.00
73	136	209	-12.7	-2.9-1578.19	1.38	1.15	-2.82-1578.48	50.93	0.00	0.00	0.00
73	137	210	-12.9	-2.8-1581.07	1.33	1.89	-2.78-1580.63	56.85	0.00	0.00	0.00
73	138	211	-13.2	-2.7-1583.85	1.60	1.15	-2.74-1583.84	61.71	0.00	0.00	0.00
73	139	212	-13.4	-2.6-1586.52	1.32	1.89	-2.70-1586.02	67.60	0.00	0.00	0.00
73	140	213	-13.5	-2.5-1589.10	1.39	1.15	-2.67-1589.23	72.47	0.00	0.00	0.00
73	141	214	-13.7	-2.4-1591.57	1.11	1.89	-2.63-1591.20	78.56	0.00	0.00	0.00
73	142	215	-13.9	-2.3-1593.94	1.16	1.15	-2.60-1594.23	83.60	0.00	0.00	0.00
73	143	216	-14.1	-2.2-1596.22	0.82	1.88	-2.56-1596.08	89.83	0.00	0.00	0.00
73	144	217	-14.3	-2.1-1598.40	0.77	1.15	-2.53-1599.01	94.96	0.00	0.00	0.00
73	145	218	-14.5	-2.0-1600.49	0.40	1.88	-2.50-1600.71	101.34	0.00	0.00	0.00
73	146	219	-14.7	-1.9-1602.49	0.34	1.15	-2.47-1603.47	106.66	0.00	0.00	0.00
73	147	220	-14.9	-1.9-1604.39	-0.18	1.88	-2.43-1605.13	113.06	0.00	0.00	0.00
73	148	221	-15.1	-1.8-1606.21	-0.28	1.15	-2.40-1607.75	118.52	0.00	0.00	0.00
73	149	222	-15.2	-1.7-1607.94	-0.81	1.87	-2.37-1609.25	125.09	0.00	0.00	0.00
73	150	223	-15.4	-1.6-1609.58	-0.91	1.15	-2.35-1611.69	130.72	0.00	0.00	0.00
73	151	224	-15.6	-1.5-1611.14	-1.41	1.87	-2.32-1612.99	137.48	0.00	0.00	0.00
73	152	225	-15.8	-1.4-1612.61	-1.80	1.15	-2.29-1615.55	143.00	0.00	0.00	0.00
73	153	226	-16.0	-1.3-1614.00	-1.76	1.87	-2.26-1616.15	150.47	0.00	0.00	0.00
73	154	227	-16.1	-1.3-1615.31	-1.78	1.15	-2.23-1618.18	156.52	0.00	0.00	0.00
73	155	228	-16.3	-1.2-1616.54	-1.98	1.87	-2.21-1618.86	163.90	0.00	0.00	0.00
73	156	229	-16.5	-1.1-1617.69	-2.03	1.15	-2.18-1620.76	170.08	0.00	0.00	0.00
73	157	230	-16.6	-1.0-1618.77	-2.58	1.86	-2.16-1621.64	177.27	0.00	0.00	0.00
73	158	231	-16.8	-1.0-1619.77	-2.77	1.15	-2.13-1623.52	183.46	0.00	0.00	0.00
73	159	232	-17.0	-0.9-1620.69	-3.63	1.86	-2.11-1624.57	190.48	0.00	0.00	0.00
73	160	233	-17.1	-0.8-1621.54	-3.91	1.15	-2.08-1626.38	196.74	0.00	0.00	0.00
73	161	234	-17.3	-0.7-1622.32	-4.61	1.86	-2.06-1627.13	204.06	0.00	0.00	0.00
73	162	235	-17.4	-0.7-1623.03	-4.86	1.15	-2.04-1628.78	210.49	0.00	0.00	0.00
73	163	236	-17.6	-0.6-1623.66	-5.10	1.85	-2.02-1628.92	218.41	0.00	0.00	0.00
73	164	237	-17.7	-0.5-1624.23	-4.99	1.15	-1.99-1630.07	225.34	0.00	0.00	0.00
73	165	238	-17.9	-0.5-1624.74	-5.24	1.85	-1.97-1630.10	233.38	0.00	0.00	0.00
73	166	239	-18.0	-0.4-1625.17	-5.07	1.15	-1.95-1631.05	240.50	0.00	0.00	0.00
73	167	240	-18.2	-0.3-1625.55	-4.81	1.85	-1.93-1630.44	249.18	0.00	0.00	0.00
73	168	241	-18.3	-0.3-1625.86	-3.82	1.15	-1.91-1630.44	257.26	0.00	0.00	0.00
73	169	242	-18.5	-0.2-1626.10	-4.06	1.85	-1.89-1630.21	265.56	0.00	0.00	0.00

73	170	243	-18.6	-0.2	-1626.29	-4.21	1.15	-1.87	-1631.22	272.61	0.00	0.00	0.00
74	80	154	2.3	-13.0	-1179.97	-3.65	0.00	-8.49	-1192.11	-7.43	0.00	0.00	0.00
74	81	155	2.0	-12.8	-1192.87	-4.21	1.11	-8.27	-1204.24	-11.49	0.00	0.00	0.00
74	82	156	1.7	-12.5	-1205.50	-5.24	0.00	-8.06	-1218.80	-17.98	0.00	0.00	0.00
74	83	157	1.4	-12.2	-1217.87	-4.25	1.10	-7.86	-1228.88	-19.98	0.00	0.00	0.00
74	84	158	1.1	-12.0	-1229.98	-3.44	0.00	-7.67	-1241.08	-24.12	0.00	0.00	0.00
74	85	159	0.8	-11.7	-1241.83	-2.08	1.09	-7.48	-1250.30	-25.26	0.00	0.00	0.00
74	86	160	0.4	-11.5	-1253.44	-1.27	0.00	-7.30	-1262.01	-28.89	0.00	0.00	0.00
74	87	161	0.1	-11.2	-1264.80	-0.64	1.08	-7.12	-1271.48	-30.29	0.00	0.00	0.00
74	88	162	-0.2	-11.0	-1275.91	-0.11	0.00	-6.96	-1282.98	-33.73	0.00	0.00	0.00
74	89	163	-0.5	-10.8	-1286.79	0.31	1.08	-6.79	-1292.20	-34.88	0.00	0.00	0.00
74	90	164	-0.8	-10.5	-1297.44	0.68	0.00	-6.64	-1303.40	-38.00	-38.36	0.32	-0.36
74	91	165	-1.0	-10.3	-1307.85	0.96	1.07	-6.49	-1312.31	-38.84	0.00	0.00	0.00
74	92	166	-1.3	-10.1	-1318.04	1.20	0.00	-6.34	-1323.18	-41.64	-41.90	0.94	-0.26
74	93	167	-1.6	-9.9	-1328.01	1.33	1.06	-6.20	-1331.82	-42.21	0.00	0.00	0.00
74	94	168	-1.9	-9.6	-1337.76	1.40	0.00	-6.07	-1342.42	-44.74	0.00	0.00	0.00
74	95	169	-2.2	-9.4	-1347.29	1.39	1.05	-5.93	-1350.78	-45.03	0.00	0.00	0.00
74	96	170	-2.5	-9.2	-1356.61	1.28	0.00	-5.81	-1361.14	-47.31	0.00	0.00	0.00
74	97	171	-2.8	-9.0	-1365.73	1.15	1.04	-5.68	-1369.22	-47.32	0.00	0.00	0.00
74	98	172	-3.1	-8.8	-1374.64	1.00	0.00	-5.57	-1379.20	-49.24	0.00	0.00	0.00
74	99	173	-3.3	-8.6	-1383.35	0.77	1.04	-5.45	-1386.99	-48.95	0.00	0.00	0.00
74	100	174	-3.6	-8.4	-1391.86	0.61	0.00	-5.34	-1396.59	-50.48	0.00	0.00	0.00
74	101	175	-3.9	-8.2	-1400.18	0.37	1.03	-5.23	-1404.01	-49.83	0.00	0.00	0.00
74	102	176	-4.2	-8.0	-1408.31	0.10	0.00	-5.13	-1413.34	-51.08	0.00	0.00	0.00
74	103	177	-4.4	-7.8	-1416.25	-0.24	1.02	-5.03	-1420.49	-50.17	0.00	0.00	0.00
74	104	178	-4.7	-7.7	-1424.01	-0.47	0.00	-4.93	-1429.40	-51.01	-50.44	0.10	0.57
74	105	179	-5.0	-7.5	-1431.58	-0.86	1.02	-4.83	-1436.25	-49.79	-49.31	-0.38	0.48
74	106	180	-5.2	-7.3	-1438.98	-1.21	0.00	-4.74	-1444.93	-50.39	-49.65	-0.47	0.74
74	107	181	-5.5	-7.1	-1446.20	-1.61	1.01	-4.65	-1451.45	-48.83	-48.26	-1.04	0.57
74	108	182	-5.8	-7.0	-1453.25	-1.71	0.00	-4.56	-1459.52	-48.84	-48.25	-1.12	0.59
74	109	183	-6.0	-6.8	-1460.12	-2.00	1.00	-4.48	-1465.60	-46.84	-46.37	-1.53	0.47
74	110	184	-6.3	-6.6	-1466.83	-2.02	0.00	-4.40	-1473.25	-46.43	-45.71	-1.30	0.72
74	111	185	-6.5	-6.5	-1473.38	-2.29	1.00	-4.32	-1478.99	-44.09	-43.39	-1.59	0.70
74	112	186	-6.8	-6.3	-1479.77	-2.38	0.00	-4.24	-1486.39	-43.42	-42.51	-1.47	0.91
74	113	187	-7.0	-6.1	-1485.99	-2.72	0.99	-4.16	-1491.88	-40.84	-39.91	-1.79	0.93
74	114	188	-7.3	-6.0	-1492.06	-2.71	0.00	-4.09	-1498.86	-39.75	-38.67	-1.63	1.08
74	115	189	-7.5	-5.8	-1497.98	-3.04	0.99	-4.02	-1504.05	-36.87	-35.48	-1.65	1.39
74	116	190	-7.8	-5.7	-1503.74	-2.90	0.00	-3.95	-1510.59	-35.34	-34.31	-1.87	1.03
74	117	191	-8.0	-5.5	-1509.36	-3.52	0.98	-3.88	-1515.78	-32.46	0.00	0.00	0.00
74	118	192	-8.2	-5.4	-1514.83	-3.56	0.00	-3.82	-1522.21	-30.81	0.00	0.00	0.00
74	119	193	-8.5	-5.2	-1520.15	-3.10	0.98	-3.76	-1526.03	-26.56	0.00	0.00	0.00
74	120	194	-8.7	-5.1	-1525.33	-3.52	0.00	-3.69	-1532.55	-25.01	0.00	0.00	0.00
74	121	195	-9.0	-5.0	-1530.38	-4.14	0.97	-3.63	-1537.18	-21.57	0.00	0.00	0.00
74	122	196	-9.2	-4.8	-1535.28	-4.65	0.00	-3.58	-1543.51	-19.83	0.00	0.00	0.00
74	123	197	-9.4	-4.7	-1540.05	-5.51	0.97	-3.52	-1548.12	-16.36	0.00	0.00	0.00
74	124	198	-9.6	-4.6	-1544.69	-6.05	0.00	-3.46	-1554.20	-14.38	0.00	0.00	0.00
74	125	199	-9.9	-4.4	-1549.20	-7.12	0.96	-3.41	-1558.77	-10.87	0.00	0.00	0.00
74	126	200	-10.1	-4.3	-1553.57	-7.34	0.00	-3.36	-1564.27	-8.30	0.00	0.00	0.00
74	127	201	-10.3	-4.2	-1557.82	-6.47	0.95	-3.30	-1566.64	-2.60	0.00	0.00	0.00
74	128	202	-10.5	-4.1	-1561.95	-5.53	0.00	-3.25	-1570.73	1.38	0.00	0.00	0.00
74	129	203	-10.8	-3.9	-1565.95	-4.34	0.95	-3.20	-1572.55	7.64	0.00	0.00	0.00
74	130	204	-11.0	-3.8	-1569.83	-3.08	0.00	-3.16	-1576.07	12.18	0.00	0.00	0.00
74	131	205	-11.2	-3.7	-1573.60	-1.92	0.95	-3.11	-1577.68	18.64	0.00	0.00	0.00
74	132	206	-11.4	-3.6	-1577.24	-0.97	0.00	-3.07	-1581.28	23.12	0.00	0.00	0.00
74	133	207	-11.6	-3.5	-1580.77	-0.24	0.94	-3.02	-1583.09	29.38	0.00	0.00	0.00
74	134	208	-11.8	-3.4	-1584.19	0.30	0.00	-2.98	-1586.86	33.67	0.00	0.00	0.00
74	135	209	-12.0	-3.2	-1587.49	0.64	0.94	-2.94	-1588.85	39.76	0.00	0.00	0.00
74	136	210	-12.2	-3.1	-1590.69	1.23	0.00	-2.89	-1592.35	44.33	0.00	0.00	0.00
74	137	211	-12.4	-3.0	-1593.77	1.29	0.93	-2.85	-1594.41	50.35	0.00	0.00	0.00
74	138	212	-12.7	-2.9	-1596.75	1.55	0.00	-2.81	-1598.02	54.81	0.00	0.00	0.00
74	139	213	-12.9	-2.8	-1599.63	1.41	0.93	-2.78	-1600.06	60.83	0.00	0.00	0.00
74	140	214	-13.1	-2.7	-1602.40	1.51	0.00	-2.74	-1603.63	65.34	0.00	0.00	0.00
74	141	215	-13.2	-2.6	-1605.07	1.26	0.92	-2.70	-1605.59	71.45	0.00	0.00	0.00
74	142	216	-13.4	-2.5	-1607.64	1.33	0.00	-2.67	-1608.97	76.14	0.00	0.00	0.00
74	143	217	-13.6	-2.4	-1610.11	1.01	0.92	-2.63	-1610.81	82.37	0.00	0.00	0.00
74	144	218	-13.8	-2.3	-1612.48	0.97	0.00	-2.60	-1614.11	87.15	0.00	0.00	0.00

74	145	219-14.0	-2.2-1614.76	0.55	0.91	-2.56-1615.86	93.47	0.00	0.00	0.00
74	146	220-14.2	-2.1-1616.94	0.55	0.00	-2.53-1618.92	98.48	0.00	0.00	0.00
74	147	221-14.4	-2.0-1619.03	0.04	0.91	-2.50-1620.58	104.89	0.00	0.00	0.00
74	148	222-14.6	-2.0-1621.03	-0.01	0.00	-2.47-1623.51	110.03	0.00	0.00	0.00
74	149	223-14.8	-1.9-1622.94	-0.54	0.91	-2.44-1625.01	116.60	0.00	0.00	0.00
74	150	224-14.9	-1.8-1624.77	-0.62	0.00	-2.41-1627.79	121.89	0.00	0.00	0.00
74	151	225-15.1	-1.7-1626.50	-1.10	0.90	-2.38-1629.07	128.68	0.00	0.00	0.00
74	152	226-15.3	-1.6-1628.15	-1.16	0.00	-2.35-1631.66	134.17	0.00	0.00	0.00
74	153	227-15.5	-1.5-1629.72	-1.42	0.90	-2.32-1632.56	141.34	0.00	0.00	0.00
74	154	228-15.6	-1.4-1631.20	-1.32	0.00	-2.29-1634.81	147.16	0.00	0.00	0.00
74	155	229-15.8	-1.4-1632.60	-1.71	0.89	-2.26-1635.68	154.36	0.00	0.00	0.00
74	156	230-16.0	-1.3-1633.92	-1.78	0.00	-2.24-1637.94	160.17	0.00	0.00	0.00
74	157	231-16.2	-1.2-1635.16	-2.33	0.89	-2.21-1638.81	167.37	0.00	0.00	0.00
74	158	232-16.3	-1.1-1636.33	-2.52	0.00	-2.19-1641.03	173.22	0.00	0.00	0.00
74	159	233-16.5	-1.0-1637.41	-3.26	0.89	-2.16-1641.95	180.38	0.00	0.00	0.00
74	160	234-16.7	-1.0-1638.43	-3.54	0.00	-2.14-1644.10	186.29	0.00	0.00	0.00
74	161	235-16.8	-0.9-1639.37	-4.26	0.88	-2.11-1644.86	193.61	0.00	0.00	0.00
74	162	236-17.0	-0.8-1640.23	-4.54	0.00	-2.09-1646.86	199.68	0.00	0.00	0.00
74	163	237-17.1	-0.8-1641.03	-4.92	0.88	-2.07-1647.14	207.48	0.00	0.00	0.00
74	164	238-17.3	-0.7-1641.75	-4.72	0.00	-2.04-1648.52	214.17	0.00	0.00	0.00
74	165	239-17.4	-0.6-1642.41	-4.89	0.88	-2.02-1648.45	222.31	0.00	0.00	0.00
74	166	240-17.6	-0.6-1643.00	-4.53	0.00	-2.00-1649.53	229.30	0.00	0.00	0.00
74	167	241-17.7	-0.5-1643.52	-4.75	0.87	-1.98-1649.37	237.52	0.00	0.00	0.00
74	168	242-17.9	-0.4-1643.98	-3.76	0.00	-1.96-1649.69	245.28	0.00	0.00	0.00
74	169	243-18.0	-0.4-1644.37	-4.31	0.87	-1.94-1649.75	253.29	0.00	0.00	0.00
74	170	244-18.2	-0.3-1644.70	-4.64	0.00	-1.92-1651.25	259.86	0.00	0.00	0.00
74	171	245-18.3	-0.2-1644.96	-2.80	0.86	-1.90-1648.80	270.39	0.00	0.00	0.00
74	172	246-18.5	-0.2-1645.17	-3.19	0.00	-1.88-1650.24	277.02	0.00	0.00	0.00
74	173	247-18.6	-0.1-1645.32	-3.17	0.86	-1.86-1649.49	285.84	0.00	0.00	0.00
75	81	156	2.5-13.1-1190.64	-5.09	2.02	-8.51-1202.22	-2.19	0.00	0.00	0.00
75	82	157	2.2-12.8-1203.58	-6.17	1.14	-8.29-1216.90	-8.80	0.00	0.00	0.00
75	83	158	1.9-12.5-1216.26	-5.09	2.01	-8.08-1227.42	-11.25	0.00	0.00	0.00
75	84	159	1.6-12.3-1228.67	-4.30	1.14	-7.88-1239.72	-15.48	0.00	0.00	0.00
75	85	160	1.2-12.0-1240.84	-3.05	2.01	-7.69-1249.57	-17.26	0.00	0.00	0.00
75	86	161	0.9-11.8-1252.74	-2.10	1.14	-7.51-1261.21	-20.82	0.00	0.00	0.00
75	87	162	0.6-11.5-1264.40	-1.49	2.00	-7.33-1271.22	-22.76	0.00	0.00	0.00
75	88	163	0.3-11.3-1275.82	-0.83	1.14	-7.15-1282.67	-26.14	0.00	0.00	0.00
75	89	164	0.0-11.1-1287.00	-0.33	1.99	-6.99-1292.32	-27.72	0.00	0.00	0.00
75	90	165	-0.2-10.8-1297.94	0.09	1.14	-6.83-1303.54	-30.87	0.00	0.00	0.00
75	91	166	-0.5-10.6-1308.65	0.45	1.99	-6.67-1312.88	-32.14	-31.97	0.62	0.17
75	92	167	-0.8-10.4-1319.13	0.81	1.14	-6.52-1323.70	-34.89	-34.86	0.84	0.03
75	93	168	-1.1-10.1-1329.39	0.93	1.98	-6.38-1332.85	-35.97	0.00	0.00	0.00
75	94	169	-1.4-9.9-1339.43	1.08	1.14	-6.24-1343.44	-38.49	0.00	0.00	0.00
75	95	170	-1.7-9.7-1349.25	1.12	1.98	-6.10-1352.25	-39.22	0.00	0.00	0.00
75	96	171	-2.0-9.5-1358.85	1.07	1.14	-5.97-1362.62	-41.52	0.00	0.00	0.00
75	97	172	-2.3-9.3-1368.25	0.96	1.97	-5.84-1371.17	-41.99	0.00	0.00	0.00
75	98	173	-2.5-9.1-1377.44	0.89	1.14	-5.72-1381.14	-43.89	0.00	0.00	0.00
75	99	174	-2.8-8.9-1386.43	0.64	1.96	-5.60-1389.43	-44.12	0.00	0.00	0.00
75	100	175	-3.1-8.7-1395.22	0.49	1.14	-5.49-1399.08	-45.70	0.00	0.00	0.00
75	101	176	-3.4-8.5-1403.81	0.19	1.96	-5.38-1407.04	-45.59	0.00	0.00	0.00
75	102	177	-3.6-8.3-1412.22	0.00	1.14	-5.27-1416.35	-46.82	0.00	0.00	0.00
75	103	178	-3.9-8.1-1420.43	-0.34	1.95	-5.17-1423.98	-46.38	-45.78	0.26	0.60
75	104	179	-4.2-7.9-1428.45	-0.61	1.14	-5.06-1432.99	-47.31	-46.60	0.10	0.71
75	105	180	-4.5-7.7-1436.29	-0.97	1.95	-4.97-1440.28	-46.54	-45.84	-0.27	0.70
75	106	181	-4.7-7.6-1443.95	-1.30	1.14	-4.87-1448.99	-47.17	0.00	0.00	0.00
75	107	182	-5.0-7.4-1451.44	-1.73	1.94	-4.78-1456.00	-46.11	-45.45	-1.07	0.66
75	108	183	-5.2-7.2-1458.75	-1.95	1.14	-4.69-1464.25	-46.29	-45.81	-1.47	0.48
75	109	184	-5.5-7.0-1465.88	-2.19	1.94	-4.60-1470.73	-44.70	-44.22	-1.71	0.48
75	110	185	-5.8-6.9-1472.85	-2.19	1.14	-4.52-1478.42	-44.32	-43.83	-1.70	0.49
75	111	186	-6.0-6.7-1479.65	-2.48	1.93	-4.44-1484.63	-42.46	-41.93	-1.95	0.53
75	112	187	-6.3-6.6-1486.29	-2.48	1.14	-4.36-1491.98	-41.74	-41.22	-1.96	0.52
75	113	188	-6.5-6.4-1492.76	-2.88	1.93	-4.28-1497.99	-39.68	-39.02	-2.22	0.66
75	114	189	-6.8-6.2-1499.08	-2.85	1.14	-4.20-1505.00	-38.61	-37.99	-2.23	0.62
75	115	190	-7.0-6.1-1505.24	-3.27	1.93	-4.13-1510.72	-36.26	-35.58	-2.59	0.68
75	116	191	-7.3-5.9-1511.25	-3.48	1.14	-4.06-1517.65	-35.13	-34.36	-2.71	0.77
75	117	192	-7.5-5.8-1517.11	-4.12	1.92	-3.99-1523.30	-32.70	0.00	0.00	0.00

75	118	193	-7.7	-5.6-1522.82	-4.22	1.14	-3.92-1529.82	-31.15	0.00	0.00	0.00
75	119	194	-8.0	-5.5-1528.38	-4.33	1.92	-3.86-1534.65	-27.91	0.00	0.00	0.00
75	120	195	-8.2	-5.3-1533.80	-4.14	1.14	-3.79-1540.60	-25.78	0.00	0.00	0.00
75	121	196	-8.4	-5.2-1539.08	-4.75	1.91	-3.73-1545.65	-22.76	0.00	0.00	0.00
75	122	197	-8.7	-5.1-1544.22	-5.36	1.14	-3.67-1552.11	-21.15	0.00	0.00	0.00
75	123	198	-8.9	-4.9-1549.22	-6.20	1.91	-3.61-1557.12	-18.09	0.00	0.00	0.00
75	124	199	-9.1	-4.8-1554.09	-6.74	1.14	-3.56-1563.24	-16.14	0.00	0.00	0.00
75	125	200	-9.4	-4.7-1558.82	-7.62	1.91	-3.50-1568.03	-12.86	0.00	0.00	0.00
75	126	201	-9.6	-4.5-1563.42	-7.86	1.14	-3.44-1573.59	-10.34	0.00	0.00	0.00
75	127	202	-9.8	-4.4-1567.90	-7.04	1.90	-3.39-1576.43	-5.11	0.00	0.00	0.00
75	128	203-10.0		-4.3-1572.24	-5.97	1.14	-3.34-1580.41	-1.03	0.00	0.00	0.00
75	129	204-10.3		-4.2-1576.46	-4.69	1.90	-3.29-1582.55	4.91	0.00	0.00	0.00
75	130	205-10.5		-4.0-1580.56	-3.56	1.14	-3.24-1586.23	9.30	0.00	0.00	0.00
75	131	206-10.7		-3.9-1584.54	-2.58	1.89	-3.19-1588.42	15.18	0.00	0.00	0.00
75	132	207-10.9		-3.8-1588.40	-1.60	1.14	-3.15-1592.01	19.66	0.00	0.00	0.00
75	133	208-11.1		-3.7-1592.14	-0.89	1.89	-3.10-1594.24	25.50	0.00	0.00	0.00
75	134	209-11.3		-3.6-1595.77	-0.22	1.14	-3.06-1597.91	29.91	0.00	0.00	0.00
75	135	210-11.5		-3.5-1599.28	0.17	1.89	-3.01-1600.24	35.65	0.00	0.00	0.00
75	136	211-11.7		-3.3-1602.68	0.82	1.14	-2.97-1603.69	40.26	0.00	0.00	0.00
75	137	212-11.9		-3.2-1605.97	0.93	1.88	-2.93-1606.09	45.94	0.00	0.00	0.00
75	138	213-12.2		-3.1-1609.16	1.26	1.14	-2.89-1609.64	50.46	0.00	0.00	0.00
75	139	214-12.4		-3.0-1612.23	1.17	1.88	-2.85-1612.03	56.14	0.00	0.00	0.00
75	140	215-12.6		-2.9-1615.20	1.30	1.14	-2.81-1615.57	60.67	0.00	0.00	0.00
75	141	216-12.8		-2.8-1618.07	1.06	1.88	-2.77-1617.90	66.41	0.00	0.00	0.00
75	142	217-12.9		-2.7-1620.83	1.16	1.14	-2.73-1621.27	71.12	0.00	0.00	0.00
75	143	218-13.1		-2.6-1623.50	0.86	1.87	-2.70-1623.46	77.00	0.00	0.00	0.00
75	144	219-13.3		-2.5-1626.06	0.85	1.14	-2.66-1626.74	81.79	0.00	0.00	0.00
75	145	220-13.5		-2.4-1628.53	0.47	1.87	-2.63-1628.82	87.78	0.00	0.00	0.00
75	146	221-13.7		-2.3-1630.90	0.41	1.14	-2.59-1631.95	92.72	0.00	0.00	0.00
75	147	222-13.9		-2.2-1633.18	0.00	1.87	-2.56-1633.88	98.87	0.00	0.00	0.00
75	148	223-14.1		-2.1-1635.37	-0.08	1.14	-2.53-1636.84	103.98	0.00	0.00	0.00
75	149	224-14.3		-2.0-1637.46	-0.60	1.86	-2.50-1638.69	110.19	0.00	0.00	0.00
75	150	225-14.5		-2.0-1639.47	-0.64	1.14	-2.47-1641.43	115.52	0.00	0.00	0.00
75	151	226-14.6		-1.9-1641.38	-1.17	1.86	-2.44-1643.13	121.90	0.00	0.00	0.00
75	152	227-14.8		-1.8-1643.21	-1.22	1.14	-2.41-1645.70	127.40	0.00	0.00	0.00
75	153	228-15.0		-1.7-1644.95	-1.44	1.86	-2.38-1646.91	134.26	0.00	0.00	0.00
75	154	229-15.2		-1.6-1646.61	-1.45	1.14	-2.35-1649.27	139.97	0.00	0.00	0.00
75	155	230-15.3		-1.5-1648.18	-1.83	1.86	-2.32-1650.48	146.84	0.00	0.00	0.00
75	156	231-15.5		-1.4-1649.68	-1.89	1.14	-2.29-1652.72	152.67	0.00	0.00	0.00
75	157	232-15.7		-1.4-1651.09	-2.35	1.85	-2.27-1653.85	159.61	0.00	0.00	0.00
75	158	233-15.9		-1.3-1652.42	-2.56	1.14	-2.24-1656.08	165.45	0.00	0.00	0.00
75	159	234-16.0		-1.2-1653.68	-3.25	1.85	-2.21-1657.29	172.31	0.00	0.00	0.00
75	160	235-16.2		-1.1-1654.85	-3.62	1.14	-2.19-1659.52	178.15	0.00	0.00	0.00
75	161	236-16.4		-1.1-1655.95	-4.25	1.85	-2.16-1660.52	185.22	0.00	0.00	0.00
75	162	237-16.5		-1.0-1656.98	-4.59	1.14	-2.14-1662.57	191.24	0.00	0.00	0.00
75	163	238-16.7		-0.9-1657.93	-4.95	1.85	-2.12-1663.16	198.73	0.00	0.00	0.00
75	164	239-16.8		-0.8-1658.82	-4.71	1.14	-2.09-1664.48	205.48	0.00	0.00	0.00
75	165	240-17.0		-0.8-1659.63	-4.94	1.84	-2.07-1664.80	213.23	0.00	0.00	0.00
75	166	241-17.1		-0.7-1660.37	-4.21	1.14	-2.05-1665.49	220.61	0.00	0.00	0.00
75	167	242-17.3		-0.6-1661.04	-4.18	1.84	-2.03-1665.41	228.76	0.00	0.00	0.00
75	168	243-17.4		-0.6-1661.65	-4.21	1.14	-2.00-1666.72	235.52	0.00	0.00	0.00
75	169	244-17.6		-0.5-1662.19	-4.74	1.84	-1.98-1667.07	243.24	0.00	0.00	0.00
75	170	245-17.7		-0.4-1662.66	-4.19	1.14	-1.96-1667.68	250.71	0.00	0.00	0.00
75	171	246-17.9		-0.4-1663.07	-3.29	1.83	-1.94-1666.47	259.99	0.00	0.00	0.00
75	172	247-18.0		-0.3-1663.42	-3.60	1.14	-1.92-1667.81	266.72	0.00	0.00	0.00
75	173	248-18.2		-0.3-1663.71	-3.78	1.83	-1.90-1667.56	275.04	0.00	0.00	0.00
75	174	249-18.3		-0.2-1663.94	-4.22	1.14	-1.88-1668.90	281.77	0.00	0.00	0.00
75	175	250-18.4		-0.1-1664.11	-5.01	1.83	-1.86-1669.15	289.59	0.00	0.00	0.00
76	83	159	2.3-12.9-1214.16		-6.09	1.10	-8.31-1227.46	-4.01	0.00	0.00	0.00
76	84	160	2.0-12.6-1226.88		-5.30	0.00	-8.11-1240.29	-8.77	0.00	0.00	0.00
76	85	161	1.7-12.3-1239.35		-3.85	1.09	-7.91-1250.01	-10.42	0.00	0.00	0.00
76	86	162	1.4-12.1-1251.56		-2.81	0.00	-7.72-1262.09	-14.42	0.00	0.00	0.00
76	87	163	1.1-11.8-1263.52		-1.91	1.08	-7.53-1271.88	-16.15	0.00	0.00	0.00
76	88	164	0.8-11.6-1275.24		-1.21	0.00	-7.35-1283.80	-20.00	0.00	0.00	0.00
76	89	165	0.5-11.4-1286.71		-0.67	1.08	-7.18-1293.49	-21.61	0.00	0.00	0.00
76	90	166	0.2-11.1-1297.95		-0.19	0.00	-7.02-1305.15	-25.21	0.00	0.00	0.00

76	91	167	0.0-10.9-1308.95	0.16	1.07	-6.86-1314.58	-26.56	0.00	0.00	0.00
76	92	168	-0.3-10.7-1319.72	0.52	0.00	-6.70-1325.91	-29.82	-30.12	0.22	-0.30
76	93	169	-0.6-10.4-1330.27	0.83	1.06	-6.55-1334.93	-30.77	0.00	0.00	0.00
76	94	170	-0.9-10.2-1340.59	0.98	0.00	-6.41-1346.02	-33.79	-33.93	0.84	-0.14
76	95	171	-1.2-10.0-1350.70	1.03	1.05	-6.27-1354.89	-34.59	0.00	0.00	0.00
76	96	172	-1.5 -9.8-1360.59	1.09	0.00	-6.14-1365.64	-37.26	0.00	0.00	0.00
76	97	173	-1.8 -9.6-1370.27	1.04	1.04	-6.01-1374.19	-37.75	0.00	0.00	0.00
76	98	174	-2.0 -9.4-1379.74	0.93	0.00	-5.88-1384.69	-40.17	0.00	0.00	0.00
76	99	175	-2.3 -9.2-1389.01	0.95	1.04	-5.76-1392.78	-40.19	0.00	0.00	0.00
76	100	176	-2.6 -9.0-1398.08	0.76	0.00	-5.64-1402.96	-42.29	0.00	0.00	0.00
76	101	177	-2.9 -8.8-1406.94	0.56	1.03	-5.53-1410.88	-42.14	0.00	0.00	0.00
76	102	178	-3.1 -8.6-1415.62	0.33	0.00	-5.41-1420.70	-43.90	0.00	0.00	0.00
76	103	179	-3.4 -8.4-1424.10	0.08	1.02	-5.31-1428.30	-43.42	0.00	0.00	0.00
76	104	180	-3.7 -8.2-1432.39	-0.28	0.00	-5.20-1437.87	-44.93	0.00	0.00	0.00
76	105	181	-3.9 -8.0-1440.50	-0.57	1.02	-5.10-1445.15	-44.13	0.00	0.00	0.00
76	106	182	-4.2 -7.8-1448.42	-0.94	0.00	-5.00-1454.37	-45.27	-44.54	-0.21	0.73
76	107	183	-4.5 -7.7-1456.17	-1.32	1.01	-4.91-1461.38	-44.22	0.00	0.00	0.00
76	108	184	-4.7 -7.5-1463.73	-1.61	0.00	-4.82-1470.16	-44.93	-44.26	-0.94	0.67
76	109	185	-5.0 -7.3-1471.13	-1.82	1.00	-4.73-1476.67	-43.37	-42.81	-1.26	0.56
76	110	186	-5.2 -7.1-1478.35	-1.88	0.00	-4.64-1484.87	-43.50	-43.00	-1.38	0.50
76	111	187	-5.5 -7.0-1485.41	-2.16	1.00	-4.56-1491.13	-41.68	-41.22	-1.70	0.46
76	112	188	-5.8 -6.8-1492.30	-2.08	0.00	-4.47-1498.85	-41.33	-41.14	-1.89	0.19
76	113	189	-6.0 -6.6-1499.03	-2.43	0.99	-4.39-1504.86	-39.27	-38.99	-2.15	0.28
76	114	190	-6.3 -6.5-1505.59	-2.47	0.00	-4.32-1512.38	-38.72	-38.71	-2.46	0.01
76	115	191	-6.5 -6.3-1512.00	-3.07	0.99	-4.24-1518.33	-36.59	-36.40	-2.88	0.19
76	116	192	-6.7 -6.2-1518.25	-3.50	0.00	-4.17-1525.92	-36.12	-35.89	-3.27	0.23
76	117	193	-7.0 -6.0-1524.36	-4.17	0.98	-4.10-1531.64	-33.77	-33.40	-3.80	0.37
76	118	194	-7.2 -5.9-1530.30	-4.42	0.00	-4.03-1538.75	-32.81	-32.44	-4.05	0.37
76	119	195	-7.5 -5.7-1536.11	-4.77	0.98	-3.96-1543.86	-29.84	-29.70	-4.63	0.14
76	120	196	-7.7 -5.6-1541.76	-4.68	0.00	-3.90-1550.34	-28.25	-28.30	-4.73	-0.05
76	121	197	-7.9 -5.4-1547.28	-5.45	0.97	-3.83-1555.59	-25.43	0.00	0.00	0.00
76	122	198	-8.2 -5.3-1552.65	-6.11	0.00	-3.77-1562.53	-24.29	0.00	0.00	0.00
76	123	199	-8.4 -5.2-1557.88	-7.00	0.97	-3.71-1567.62	-21.32	0.00	0.00	0.00
76	124	200	-8.6 -5.0-1562.97	-7.58	0.00	-3.65-1574.20	-19.83	0.00	0.00	0.00
76	125	201	-8.9 -4.9-1567.94	-8.63	0.96	-3.59-1579.20	-16.75	0.00	0.00	0.00
76	126	202	-9.1 -4.8-1572.76	-8.82	0.00	-3.54-1585.12	-14.60	0.00	0.00	0.00
76	127	203	-9.3 -4.6-1577.46	-8.02	0.95	-3.48-1588.01	-9.42	0.00	0.00	0.00
76	128	204	-9.5 -4.5-1582.03	-6.97	0.00	-3.43-1592.43	-5.77	0.00	0.00	0.00
76	129	205	-9.8 -4.4-1586.47	-5.71	0.95	-3.38-1594.61	0.12	0.00	0.00	0.00
76	130	206-10.0	-4.3-1590.79	-4.53	0.00	-3.33-1598.65	4.16	0.00	0.00	0.00
76	131	207-10.2	-4.1-1594.98	-3.38	0.95	-3.28-1600.69	10.18	0.00	0.00	0.00
76	132	208-10.4	-4.0-1599.06	-2.33	0.00	-3.23-1604.62	14.33	0.00	0.00	0.00
76	133	209-10.6	-3.9-1603.01	-1.41	0.94	-3.18-1606.66	20.36	0.00	0.00	0.00
76	134	210-10.8	-3.8-1606.85	-0.66	0.00	-3.13-1610.65	24.45	0.00	0.00	0.00
76	135	211-11.0	-3.7-1610.57	-0.24	0.94	-3.09-1612.97	30.20	0.00	0.00	0.00
76	136	212-11.2	-3.5-1614.18	0.35	0.00	-3.05-1616.88	34.36	0.00	0.00	0.00
76	137	213-11.5	-3.4-1617.68	0.71	0.93	-3.00-1619.04	40.27	0.00	0.00	0.00
76	138	214-11.7	-3.3-1621.06	1.09	0.00	-2.96-1622.94	44.44	0.00	0.00	0.00
76	139	215-11.9	-3.2-1624.34	1.07	0.93	-2.92-1625.27	50.18	0.00	0.00	0.00
76	140	216-12.1	-3.1-1627.51	1.27	0.00	-2.88-1629.12	54.40	0.00	0.00	0.00
76	141	217-12.3	-3.0-1630.58	1.14	0.92	-2.84-1631.36	60.23	0.00	0.00	0.00
76	142	218-12.5	-2.9-1633.54	1.25	0.00	-2.80-1635.09	64.57	0.00	0.00	0.00
76	143	219-12.7	-2.8-1636.40	1.02	0.92	-2.77-1637.23	70.51	0.00	0.00	0.00
76	144	220-12.8	-2.7-1639.16	0.99	0.00	-2.73-1640.90	74.91	0.00	0.00	0.00
76	145	221-13.0	-2.6-1641.82	0.65	0.91	-2.69-1642.95	80.93	0.00	0.00	0.00
76	146	222-13.2	-2.5-1644.38	0.64	0.00	-2.66-1646.40	85.55	0.00	0.00	0.00
76	147	223-13.4	-2.4-1646.85	0.19	0.91	-2.63-1648.37	91.65	0.00	0.00	0.00
76	148	224-13.6	-2.3-1649.22	0.10	0.00	-2.59-1651.71	96.38	0.00	0.00	0.00
76	149	225-13.8	-2.2-1651.50	-0.35	0.91	-2.56-1653.50	102.66	0.00	0.00	0.00
76	150	226-14.0	-2.1-1653.68	-0.42	0.00	-2.53-1656.63	107.60	0.00	0.00	0.00
76	151	227-14.2	-2.0-1655.78	-0.87	0.90	-2.50-1658.25	114.06	0.00	0.00	0.00
76	152	228-14.3	-2.0-1657.79	-0.91	0.00	-2.47-1661.17	119.21	0.00	0.00	0.00
76	153	229-14.5	-1.9-1659.71	-1.13	0.90	-2.44-1662.38	126.07	0.00	0.00	0.00
76	154	230-14.7	-1.8-1661.54	-1.12	0.00	-2.41-1665.07	131.45	0.00	0.00	0.00
76	155	231-14.9	-1.7-1663.29	-1.47	0.89	-2.38-1666.25	138.34	0.00	0.00	0.00
76	156	232-15.0	-1.6-1664.96	-1.48	0.00	-2.35-1668.79	143.87	0.00	0.00	0.00

76	157	233-15.2	-1.5-1666.54	-1.85	0.89	-2.32-1669.82	150.91	0.00	0.00	0.00
76	158	234-15.4	-1.5-1668.04	-2.05	0.00	-2.30-1672.39	156.42	0.00	0.00	0.00
76	159	235-15.6	-1.4-1669.46	-2.71	0.89	-2.27-1673.56	163.32	0.00	0.00	0.00
76	160	236-15.7	-1.3-1670.81	-3.06	0.00	-2.24-1676.11	168.84	0.00	0.00	0.00
76	161	237-15.9	-1.2-1672.07	-3.72	0.88	-2.22-1677.13	175.89	0.00	0.00	0.00
76	162	238-16.0	-1.1-1673.26	-4.09	0.00	-2.19-1679.55	181.54	0.00	0.00	0.00
76	163	239-16.2	-1.1-1674.38	-4.38	0.88	-2.17-1680.05	189.11	0.00	0.00	0.00
76	164	240-16.4	-1.0-1675.42	-4.05	0.00	-2.14-1681.61	195.62	0.00	0.00	0.00
76	165	241-16.5	-0.9-1676.39	-4.06	0.88	-2.12-1681.69	203.61	0.00	0.00	0.00
76	166	242-16.7	-0.9-1677.29	-3.41	0.00	-2.10-1682.79	210.58	0.00	0.00	0.00
76	167	243-16.8	-0.8-1678.11	-3.79	0.87	-2.07-1683.11	218.34	0.00	0.00	0.00
76	168	244-17.0	-0.7-1678.87	-3.60	0.00	-2.05-1684.52	225.00	0.00	0.00	0.00
76	169	245-17.1	-0.7-1679.56	-2.62	0.87	-2.03-1683.34	234.25	0.00	0.00	0.00
76	170	246-17.3	-0.6-1680.18	-1.99	0.00	-2.01-1684.18	241.48	0.00	0.00	0.00
76	171	247-17.4	-0.5-1680.74	-3.54	0.86	-1.99-1685.41	248.33	0.00	0.00	0.00
76	172	248-17.6	-0.5-1681.24	-3.89	0.00	-1.97-1687.09	254.71	0.00	0.00	0.00
76	173	249-17.7	-0.4-1681.67	-3.69	0.86	-1.95-1686.44	263.43	0.00	0.00	0.00
76	174	250-17.9	-0.3-1682.03	-4.12	0.00	-1.93-1688.08	269.87	0.00	0.00	0.00
76	175	251-18.0	-0.3-1682.34	-4.97	0.86	-1.91-1688.36	277.66	0.00	0.00	0.00
76	176	252-18.2	-0.2-1682.59	-5.19	0.00	-1.89-1689.67	284.42	0.00	0.00	0.00
76	177	253-18.3	-0.2-1682.78	-6.32	0.85	-1.87-1690.11	292.05	0.00	0.00	0.00
77	85	162	2.2-12.6-1237.37	-5.21	2.00	-8.13-1248.71	-1.85	0.00	0.00	0.00
77	86	163	1.9-12.4-1249.89	-4.03	1.13	-7.93-1260.72	-5.78	0.00	0.00	0.00
77	87	164	1.6-12.1-1262.15	-2.95	1.99	-7.74-1270.85	-7.84	0.00	0.00	0.00
77	88	165	1.3-11.9-1274.16	-2.05	1.13	-7.56-1282.64	-11.56	0.00	0.00	0.00
77	89	166	1.0-11.6-1285.93	-1.35	1.98	-7.38-1292.68	-13.53	0.00	0.00	0.00
77	90	167	0.7-11.4-1297.46	-0.76	1.13	-7.21-1304.30	-17.08	0.00	0.00	0.00
77	91	168	0.4-11.2-1308.76	-0.34	1.98	-7.05-1314.16	-18.87	0.00	0.00	0.00
77	92	169	0.2-10.9-1319.82	0.14	1.13	-6.89-1325.44	-22.07	0.00	0.00	0.00
77	93	170	-0.1-10.7-1330.66	0.47	1.97	-6.73-1334.95	-23.51	-23.37	0.61	0.14
77	94	171	-0.4-10.5-1341.27	0.77	1.13	-6.59-1345.96	-26.45	-26.36	0.86	0.09
77	95	172	-0.7-10.3-1351.66	0.99	1.97	-6.44-1355.14	-27.57	0.00	0.00	0.00
77	96	173	-1.0-10.1-1361.83	1.19	1.13	-6.30-1365.82	-30.17	0.00	0.00	0.00
77	97	174	-1.3-9.9-1371.79	1.22	1.96	-6.17-1374.78	-31.06	0.00	0.00	0.00
77	98	175	-1.5-9.6-1381.54	1.22	1.13	-6.04-1385.24	-33.44	0.00	0.00	0.00
77	99	176	-1.8-9.4-1391.09	0.89	1.96	-5.92-1394.16	-34.29	0.00	0.00	0.00
77	100	177	-2.1-9.2-1400.43	1.03	1.13	-5.79-1404.06	-36.13	0.00	0.00	0.00
77	101	178	-2.4-9.0-1409.57	0.68	1.95	-5.68-1412.61	-36.61	0.00	0.00	0.00
77	102	179	-2.6-8.8-1418.51	0.36	1.13	-5.56-1422.59	-38.51	0.00	0.00	0.00
77	103	180	-2.9-8.7-1427.26	0.18	1.95	-5.45-1430.59	-38.44	0.00	0.00	0.00
77	104	181	-3.2-8.5-1435.82	-0.17	1.13	-5.34-1440.21	-39.99	0.00	0.00	0.00
77	105	182	-3.4-8.3-1444.20	-0.29	1.94	-5.24-1447.79	-39.49	0.00	0.00	0.00
77	106	183	-3.7-8.1-1452.39	-0.72	1.13	-5.14-1457.12	-40.75	0.00	0.00	0.00
77	107	184	-4.0-7.9-1460.39	-1.04	1.94	-5.04-1464.54	-40.10	-39.97	-0.91	0.13
77	108	185	-4.2-7.7-1468.22	-1.42	1.13	-4.95-1473.46	-40.95	0.00	0.00	0.00
77	109	186	-4.5-7.6-1475.87	-1.63	1.93	-4.85-1480.43	-39.85	-39.17	-0.95	0.68
77	110	187	-4.7-7.4-1483.35	-1.47	1.13	-4.77-1488.46	-39.81	0.00	0.00	0.00
77	111	188	-5.0-7.2-1490.66	-1.63	1.93	-4.68-1495.05	-38.32	-38.33	-1.64	-0.01
77	112	189	-5.3-7.1-1497.80	-1.73	1.13	-4.59-1503.00	-38.21	-38.46	-1.98	-0.25
77	113	190	-5.5-6.9-1504.78	-2.26	1.92	-4.51-1509.63	-36.77	-36.71	-2.20	0.06
77	114	191	-5.8-6.7-1511.60	-2.54	1.13	-4.43-1517.44	-36.51	-36.72	-2.75	-0.21
77	115	192	-6.0-6.6-1518.25	-3.12	1.92	-4.36-1523.81	-34.80	-34.84	-3.16	-0.04
77	116	193	-6.2-6.4-1524.75	-3.62	1.13	-4.28-1531.52	-34.44	-34.54	-3.72	-0.10
77	117	194	-6.5-6.3-1531.09	-4.22	1.91	-4.21-1537.61	-32.46	-32.54	-4.30	-0.08
77	118	195	-6.7-6.1-1537.28	-4.72	1.13	-4.14-1545.01	-31.79	-31.70	-4.63	0.09
77	119	196	-7.0-6.0-1543.33	-5.18	1.91	-4.07-1550.66	-29.37	-29.46	-5.27	-0.09
77	120	197	-7.2-5.8-1549.22	-5.39	1.13	-4.00-1557.48	-28.11	-28.29	-5.57	-0.18
77	121	198	-7.4-5.7-1554.97	-6.46	1.90	-3.93-1563.46	-26.02	0.00	0.00	0.00
77	122	199	-7.7-5.5-1560.57	-7.01	1.13	-3.87-1570.32	-24.81	0.00	0.00	0.00
77	123	200	-7.9-5.4-1566.04	-7.89	1.90	-3.81-1575.83	-22.25	0.00	0.00	0.00
77	124	201	-8.1-5.3-1571.36	-8.48	1.13	-3.75-1582.46	-20.81	0.00	0.00	0.00
77	125	202	-8.4-5.1-1576.55	-9.50	1.90	-3.69-1587.84	-18.12	0.00	0.00	0.00
77	126	203	-8.6-5.0-1581.60	-9.69	1.13	-3.63-1593.79	-16.00	0.00	0.00	0.00
77	127	204	-8.8-4.9-1586.52	-8.75	1.89	-3.57-1596.95	-11.09	0.00	0.00	0.00
77	128	205	-9.0-4.7-1591.32	-7.86	1.13	-3.52-1601.57	-7.63	0.00	0.00	0.00
77	129	206	-9.3-4.6-1595.98	-6.54	1.89	-3.46-1604.09	-2.09	0.00	0.00	0.00

77	130	207	-9.5	-4.5-1600.52	-5.42	1.13	-3.41-1608.22	1.86	0.00	0.00	0.00
77	131	208	-9.7	-4.3-1604.93	-4.16	1.89	-3.36-1610.56	7.59	0.00	0.00	0.00
77	132	209	-9.9	-4.2-1609.22	-3.09	1.13	-3.31-1614.49	11.73	0.00	0.00	0.00
77	133	210	-10.1	-4.1-1613.38	-2.10	1.88	-3.26-1616.87	17.43	0.00	0.00	0.00
77	134	211	-10.3	-4.0-1617.43	-1.32	1.13	-3.22-1620.84	21.52	0.00	0.00	0.00
77	135	212	-10.5	-3.9-1621.37	-0.82	1.88	-3.17-1623.48	26.96	0.00	0.00	0.00
77	136	213	-10.8	-3.8-1625.18	-0.21	1.13	-3.12-1627.39	31.12	0.00	0.00	0.00
77	137	214	-11.0	-3.6-1628.89	0.28	1.87	-3.08-1629.81	36.77	0.00	0.00	0.00
77	138	215	-11.2	-3.5-1632.48	0.67	1.13	-3.04-1633.71	40.94	0.00	0.00	0.00
77	139	216	-11.4	-3.4-1635.96	0.80	1.87	-3.00-1636.28	46.44	0.00	0.00	0.00
77	140	217	-11.6	-3.3-1639.33	1.00	1.13	-2.95-1640.16	50.64	0.00	0.00	0.00
77	141	218	-11.8	-3.2-1642.59	0.87	1.87	-2.91-1642.77	56.09	0.00	0.00	0.00
77	142	219	-12.0	-3.1-1645.75	1.01	1.13	-2.87-1646.49	60.45	0.00	0.00	0.00
77	143	220	-12.2	-3.0-1648.81	0.81	1.87	-2.84-1648.97	66.04	0.00	0.00	0.00
77	144	221	-12.4	-2.9-1651.76	0.90	1.13	-2.80-1652.53	70.54	0.00	0.00	0.00
77	145	222	-12.6	-2.8-1654.62	0.58	1.86	-2.76-1654.94	76.21	0.00	0.00	0.00
77	146	223	-12.7	-2.7-1657.37	0.60	1.13	-2.73-1658.37	80.85	0.00	0.00	0.00
77	147	224	-12.9	-2.6-1660.03	0.15	1.86	-2.69-1660.71	86.58	0.00	0.00	0.00
77	148	225	-13.1	-2.5-1662.59	0.10	1.13	-2.66-1664.02	91.35	0.00	0.00	0.00
77	149	226	-13.3	-2.4-1665.05	-0.39	1.86	-2.62-1666.21	97.23	0.00	0.00	0.00
77	150	227	-13.5	-2.3-1667.42	-0.45	1.13	-2.59-1669.33	102.17	0.00	0.00	0.00
77	151	228	-13.7	-2.2-1669.70	-0.88	1.85	-2.56-1671.29	108.29	0.00	0.00	0.00
77	152	229	-13.9	-2.1-1671.89	-0.88	1.13	-2.53-1674.17	113.48	0.00	0.00	0.00
77	153	230	-14.0	-2.1-1673.99	-1.07	1.85	-2.50-1675.71	120.02	0.00	0.00	0.00
77	154	231	-14.2	-2.0-1676.00	-0.95	1.13	-2.47-1678.29	125.50	0.00	0.00	0.00
77	155	232	-14.4	-1.9-1677.93	-1.14	1.85	-2.44-1679.66	132.21	0.00	0.00	0.00
77	156	233	-14.6	-1.8-1679.77	-1.16	1.13	-2.41-1682.21	137.73	0.00	0.00	0.00
77	157	234	-14.7	-1.7-1681.52	-1.42	1.84	-2.38-1683.48	144.53	0.00	0.00	0.00
77	158	235	-14.9	-1.6-1683.20	-1.63	1.13	-2.35-1686.05	150.03	0.00	0.00	0.00
77	159	236	-15.1	-1.5-1684.79	-2.23	1.84	-2.32-1687.50	156.65	0.00	0.00	0.00
77	160	237	-15.3	-1.5-1686.30	-2.58	1.13	-2.30-1690.05	162.18	0.00	0.00	0.00
77	161	238	-15.4	-1.4-1687.73	-3.35	1.84	-2.27-1691.51	168.78	0.00	0.00	0.00
77	162	239	-15.6	-1.3-1689.08	-3.65	1.13	-2.25-1693.85	174.51	0.00	0.00	0.00
77	163	240	-15.8	-1.2-1690.36	-3.91	1.84	-2.22-1694.66	181.78	0.00	0.00	0.00
77	164	241	-15.9	-1.2-1691.56	-3.63	1.13	-2.20-1696.26	188.25	0.00	0.00	0.00
77	165	242	-16.1	-1.1-1692.69	-3.42	1.83	-2.17-1696.45	196.13	0.00	0.00	0.00
77	166	243	-16.2	-1.0-1693.75	-3.28	1.13	-2.15-1698.05	202.60	0.00	0.00	0.00
77	167	244	-16.4	-0.9-1694.73	-3.61	1.83	-2.12-1698.63	210.09	0.00	0.00	0.00
77	168	245	-16.5	-0.9-1695.64	-2.31	1.13	-2.10-1698.93	217.87	0.00	0.00	0.00
77	169	246	-16.7	-0.8-1696.49	-2.58	1.83	-2.08-1699.32	225.55	0.00	0.00	0.00
77	170	247	-16.8	-0.7-1697.26	-2.28	1.13	-2.06-1700.47	232.47	0.00	0.00	0.00
77	171	248	-17.0	-0.7-1697.97	-4.11	1.83	-2.04-1702.29	238.72	0.00	0.00	0.00
77	172	249	-17.1	-0.6-1698.61	-4.44	1.13	-2.01-1703.93	245.15	0.00	0.00	0.00
77	173	250	-17.3	-0.5-1699.19	-4.27	1.82	-1.99-1703.63	253.53	0.00	0.00	0.00
77	174	251	-17.4	-0.5-1699.70	-4.43	1.13	-1.97-1704.97	260.25	0.00	0.00	0.00
77	175	252	-17.6	-0.4-1700.15	-5.28	1.82	-1.95-1705.56	267.74	0.00	0.00	0.00
77	176	253	-17.7	-0.4-1700.53	-5.68	1.13	-1.93-1707.02	274.35	0.00	0.00	0.00
77	177	254	-17.9	-0.3-1700.86	-6.87	1.82	-1.91-1707.82	281.61	0.00	0.00	0.00
77	178	255	-18.0	-0.2-1701.13	-6.97	1.13	-1.89-1708.86	288.64	0.00	0.00	0.00
77	179	256	-18.1	-0.2-1701.34	-6.94	1.82	-1.88-1708.33	297.24	0.00	0.00	0.00
78	87	165	2.1	-12.4-1260.29	-3.53	1.08	-7.95-1270.69	-0.41	0.00	0.00	0.00
78	88	166	1.8	-12.2-1272.60	-2.61	0.00	-7.76-1282.98	-4.62	0.00	0.00	0.00
78	89	167	1.5	-11.9-1284.67	-1.65	1.08	-7.58-1292.82	-6.40	0.00	0.00	0.00
78	90	168	1.2	-11.7-1296.49	-0.88	0.00	-7.41-1304.78	-10.28	0.00	0.00	0.00
78	91	169	0.9	-11.5-1308.08	-0.50	1.07	-7.24-1314.75	-12.18	0.00	0.00	0.00
78	92	170	0.6	-11.2-1319.43	0.08	0.00	-7.08-1326.42	-15.78	0.00	0.00	0.00
78	93	171	0.4	-11.0-1330.55	0.49	1.06	-6.92-1335.92	-17.21	0.00	0.00	0.00
78	94	172	0.1	-10.8-1341.45	0.82	0.00	-6.77-1347.39	-20.61	-21.23	0.20	-0.62
78	95	173	-0.2	-10.6-1352.12	0.96	1.05	-6.62-1356.73	-21.88	0.00	0.00	0.00
78	96	174	-0.5	-10.3-1362.58	1.17	0.00	-6.48-1367.88	-24.96	-25.32	0.81	-0.36
78	97	175	-0.8	-10.1-1372.82	1.15	1.04	-6.34-1376.96	-25.97	0.00	0.00	0.00
78	98	176	-1.1	-9.9-1382.85	1.26	0.00	-6.20-1387.79	-28.73	0.00	0.00	0.00
78	99	177	-1.3	-9.7-1392.67	1.26	1.04	-6.08-1396.45	-29.31	0.00	0.00	0.00
78	100	178	-1.6	-9.5-1402.29	1.10	0.00	-5.95-1407.14	-31.93	0.00	0.00	0.00
78	101	179	-1.9	-9.3-1411.70	1.06	1.03	-5.83-1415.44	-32.16	0.00	0.00	0.00
78	102	180	-2.2	-9.1-1420.91	0.94	0.00	-5.71-1425.69	-34.33	0.00	0.00	0.00

78	103	181	-2.4	-8.9-1429.93	0.68	1.02	-5.60-1433.83	-34.40	0.00	0.00	0.00
78	104	182	-2.7	-8.7-1438.76	0.51	0.00	-5.49-1443.74	-36.24	0.00	0.00	0.00
78	105	183	-3.0	-8.5-1447.40	0.22	1.02	-5.38-1451.54	-35.97	0.00	0.00	0.00
78	106	184	-3.2	-8.4-1455.85	-0.08	0.00	-5.28-1461.21	-37.57	0.00	0.00	0.00
78	107	185	-3.5	-8.2-1464.12	-0.37	1.01	-5.18-1468.66	-36.94	0.00	0.00	0.00
78	108	186	-3.7	-8.0-1472.21	-0.52	0.00	-5.08-1477.81	-38.02	-37.79	-0.29	0.23
78	109	187	-4.0	-7.8-1480.12	-0.82	1.00	-4.98-1484.92	-37.06	0.00	0.00	0.00
78	110	188	-4.2	-7.6-1487.85	-0.16	0.00	-4.89-1492.91	-36.98	-37.83	-1.01	-0.85
78	111	189	-4.5	-7.5-1495.42	-0.51	1.00	-4.80-1499.73	-35.73	-36.49	-1.27	-0.76
78	112	190	-4.8	-7.3-1502.81	-0.97	0.00	-4.72-1508.50	-36.43	-37.33	-1.87	-0.90
78	113	191	-5.0	-7.1-1510.04	-1.44	0.99	-4.63-1515.12	-34.98	-35.70	-2.16	-0.72
78	114	192	-5.3	-7.0-1517.10	-2.01	0.00	-4.55-1523.66	-35.45	-36.30	-2.86	-0.85
78	115	193	-5.5	-6.8-1524.00	-2.62	0.99	-4.47-1530.11	-33.82	-34.49	-3.29	-0.67
78	116	194	-5.7	-6.7-1530.75	-3.31	0.00	-4.39-1538.45	-34.10	-34.79	-4.00	-0.69
78	117	195	-6.0	-6.5-1537.33	-4.04	0.98	-4.32-1544.71	-32.28	-32.82	-4.58	-0.54
78	118	196	-6.2	-6.4-1543.76	-4.80	0.00	-4.24-1552.81	-32.31	-32.67	-5.16	-0.36
78	119	197	-6.5	-6.2-1550.05	-5.41	0.98	-4.17-1558.65	-30.08	-30.44	-5.77	-0.36
78	120	198	-6.7	-6.1-1556.18	-6.11	0.00	-4.10-1566.39	-29.75	-29.93	-6.29	-0.18
78	121	199	-6.9	-5.9-1562.16	-7.14	0.97	-4.04-1572.36	-27.65	-27.42	-6.91	0.23
78	122	200	-7.2	-5.8-1568.00	-7.76	0.00	-3.97-1579.73	-26.94	-26.63	-7.45	0.31
78	123	201	-7.4	-5.6-1573.69	-8.64	0.97	-3.91-1585.27	-24.42	-23.75	-7.97	0.67
78	124	202	-7.6	-5.5-1579.25	-9.22	0.00	-3.84-1592.31	-23.39	0.00	0.00	0.00
78	125	203	-7.9	-5.3-1584.66	-10.25	0.96	-3.78-1597.74	-20.74	0.00	0.00	0.00
78	126	204	-8.1	-5.2-1589.95	-10.40	0.00	-3.72-1604.07	-19.00	0.00	0.00	0.00
78	127	205	-8.3	-5.1-1595.09	-9.58	0.95	-3.66-1607.38	-14.24	0.00	0.00	0.00
78	128	206	-8.5	-4.9-1600.11	-8.54	0.00	-3.61-1612.25	-11.04	0.00	0.00	0.00
78	129	207	-8.8	-4.8-1604.99	-7.19	0.95	-3.55-1614.78	-5.50	0.00	0.00	0.00
78	130	208	-9.0	-4.7-1609.75	-6.02	0.00	-3.50-1619.27	-1.91	0.00	0.00	0.00
78	131	209	-9.2	-4.6-1614.37	-4.91	0.95	-3.45-1621.79	3.64	0.00	0.00	0.00
78	132	210	-9.4	-4.4-1618.88	-3.78	0.00	-3.40-1626.06	7.44	0.00	0.00	0.00
78	133	211	-9.6	-4.3-1623.26	-2.78	0.94	-3.35-1628.45	13.12	0.00	0.00	0.00
78	134	212	-9.8	-4.2-1627.52	-1.84	0.00	-3.30-1632.66	16.98	0.00	0.00	0.00
78	135	213	-10.1	-4.1-1631.67	-1.24	0.94	-3.25-1635.22	22.49	0.00	0.00	0.00
78	136	214	-10.3	-4.0-1635.69	-0.52	0.00	-3.20-1639.42	26.37	0.00	0.00	0.00
78	137	215	-10.5	-3.8-1639.60	-0.11	0.93	-3.16-1641.94	31.91	0.00	0.00	0.00
78	138	216	-10.7	-3.7-1643.40	0.35	0.00	-3.11-1646.16	35.76	0.00	0.00	0.00
78	139	217	-10.9	-3.6-1647.08	0.59	0.93	-3.07-1648.64	41.36	0.00	0.00	0.00
78	140	218	-11.1	-3.5-1650.66	0.88	0.00	-3.03-1652.81	45.26	0.00	0.00	0.00
78	141	219	-11.3	-3.4-1654.12	0.84	0.92	-2.99-1655.35	50.79	0.00	0.00	0.00
78	142	220	-11.5	-3.3-1657.48	1.04	0.00	-2.95-1659.39	54.82	0.00	0.00	0.00
78	143	221	-11.7	-3.2-1660.74	0.89	0.92	-2.91-1661.83	60.45	0.00	0.00	0.00
78	144	222	-11.9	-3.1-1663.88	0.95	0.00	-2.87-1665.80	64.55	0.00	0.00	0.00
78	145	223	-12.1	-3.0-1666.93	0.65	0.91	-2.83-1668.20	70.23	0.00	0.00	0.00
78	146	224	-12.3	-2.9-1669.88	0.71	0.00	-2.79-1671.96	74.54	0.00	0.00	0.00
78	147	225	-12.5	-2.8-1672.72	0.35	0.91	-2.76-1674.22	80.35	0.00	0.00	0.00
78	148	226	-12.6	-2.7-1675.47	0.32	0.00	-2.72-1677.87	84.77	0.00	0.00	0.00
78	149	227	-12.8	-2.6-1678.12	-0.08	0.91	-2.69-1679.99	90.73	0.00	0.00	0.00
78	150	228	-13.0	-2.5-1680.68	-0.11	0.00	-2.65-1683.44	95.34	0.00	0.00	0.00
78	151	229	-13.2	-2.4-1683.14	-0.54	0.90	-2.62-1685.40	101.45	0.00	0.00	0.00
78	152	230	-13.4	-2.3-1685.52	-0.50	0.00	-2.59-1688.60	106.32	0.00	0.00	0.00
78	153	231	-13.6	-2.2-1687.79	-0.66	0.90	-2.56-1690.11	112.88	0.00	0.00	0.00
78	154	232	-13.7	-2.1-1689.98	-0.54	0.00	-2.53-1693.05	118.02	0.00	0.00	0.00
78	155	233	-13.9	-2.1-1692.09	-0.85	0.89	-2.50-1694.54	124.60	0.00	0.00	0.00
78	156	234	-14.1	-2.0-1694.10	-0.71	0.00	-2.47-1697.28	129.93	0.00	0.00	0.00
78	157	235	-14.3	-1.9-1696.03	-1.03	0.89	-2.44-1698.61	136.67	0.00	0.00	0.00
78	158	236	-14.4	-1.8-1697.88	-1.12	0.00	-2.41-1701.41	141.95	0.00	0.00	0.00
78	159	237	-14.6	-1.7-1699.64	-1.70	0.89	-2.38-1702.83	148.59	0.00	0.00	0.00
78	160	238	-14.8	-1.6-1701.32	-2.00	0.00	-2.35-1705.67	153.82	0.00	0.00	0.00
78	161	239	-15.0	-1.6-1702.92	-2.75	0.88	-2.33-1707.11	160.45	0.00	0.00	0.00
78	162	240	-15.1	-1.5-1704.44	-3.02	0.00	-2.30-1709.76	165.88	0.00	0.00	0.00
78	163	241	-15.3	-1.4-1705.88	-3.28	0.88	-2.27-1710.56	173.15	0.00	0.00	0.00
78	164	242	-15.5	-1.3-1707.25	-3.08	0.00	-2.25-1712.58	179.20	0.00	0.00	0.00
78	165	243	-15.6	-1.2-1708.54	-2.86	0.88	-2.22-1712.75	187.11	0.00	0.00	0.00
78	166	244	-15.8	-1.2-1709.75	-2.68	0.00	-2.20-1714.63	193.29	0.00	0.00	0.00
78	167	245	-15.9	-1.1-1710.90	-0.92	0.87	-2.17-1713.12	202.88	0.00	0.00	0.00
78	168	246	-16.1	-1.0-1711.96	-1.90	0.00	-2.15-1716.02	208.05	0.00	0.00	0.00

78	169	247-16.2	-1.0-1712.96	-2.11	0.87	-2.13-1716.33	215.81	0.00	0.00	0.00	
78	170	248-16.4	-0.9-1713.89	-2.09	0.00	-2.11-1718.08	222.13	0.00	0.00	0.00	
78	171	249-16.6	-0.8-1714.75	-2.79	0.86	-2.08-1718.76	229.53	0.00	0.00	0.00	
78	172	250-16.7	-0.8-1715.54	-3.37	0.00	-2.06-1720.97	235.38	0.00	0.00	0.00	
78	173	251-16.9	-0.7-1716.26	-4.10	0.86	-2.04-1721.54	242.88	0.00	0.00	0.00	
78	174	252-17.0	-0.6-1716.92	-4.52	0.00	-2.02-1723.46	249.04	0.00	0.00	0.00	
78	175	253-17.1	-0.6-1717.51	-5.27	0.86	-2.00-1723.92	256.64	0.00	0.00	0.00	
78	176	254-17.3	-0.5-1718.04	-5.69	0.00	-1.98-1725.71	262.93	0.00	0.00	0.00	
78	177	255-17.4	-0.4-1718.51	-7.35	0.85	-1.96-1726.96	269.75	0.00	0.00	0.00	
78	178	256-17.6	-0.4-1718.92	-7.47	0.00	-1.94-1728.33	276.46	0.00	0.00	0.00	
78	179	257-17.7	-0.3-1719.26	-7.45	0.85	-1.92-1727.78	285.07	0.00	0.00	0.00	
78	180	258-17.8	-0.3-1719.55	-7.77	0.00	-1.90-1729.22	291.71	0.00	0.00	0.00	
78	181	259-18.0	-0.2-1719.78	-8.40	0.85	-1.88-1729.21	299.79	0.00	0.00	0.00	
78	182	260-18.1	-0.1-1719.95	-8.52	0.00	-1.86-1730.33	306.74	0.00	0.00	0.00	
79	88	167	2.3-12.5-1270.57	-4.02	1.12	-7.97-1281.44	4.19	0.00	0.00	0.00	
79	89	168	2.0-12.2-1282.92	-3.02	1.98	-7.79-1291.76	1.94	0.00	0.00	0.00	
79	90	169	1.7-12.0-1295.04	-2.17	1.12	-7.61-1303.70	-1.93	0.00	0.00	0.00	
79	91	170	1.4-11.8-1306.91	-1.34	1.97	-7.43-1313.72	-3.88	0.00	0.00	0.00	
79	92	171	1.1-11.5-1318.55	-0.70	1.12	-7.27-1325.40	-7.49	0.00	0.00	0.00	
79	93	172	0.8-11.3-1329.96	-0.05	1.96	-7.10-1335.15	-9.17	0.00	0.00	0.00	
79	94	173	0.5-11.1-1341.15	0.43	1.12	-6.95-1346.54	-12.49	0.00	0.00	0.00	
79	95	174	0.3-10.8-1352.10	0.88	1.96	-6.80-1356.06	-13.93	-14.16	0.65	-0.23	
79	96	175	0.0-10.6-1362.84	1.19	1.12	-6.65-1367.18	-16.98	-17.16	1.01	-0.18	
79	97	176	-0.3-10.4-1373.36	1.47	1.95	-6.51-1376.44	-18.17	0.00	0.00	0.00	
79	98	177	-0.6-10.2-1383.67	1.60	1.12	-6.37-1387.32	-20.98	0.00	0.00	0.00	
79	99	178	-0.8-10.0-1393.76	1.69	1.95	-6.24-1396.36	-21.95	0.00	0.00	0.00	
79	100	179	-1.1	-9.8-1403.65	1.66	1.12	-6.11-1406.98	-24.50	0.00	0.00	0.00
79	101	180	-1.4	-9.6-1413.34	1.60	1.94	-5.98-1415.78	-25.22	0.00	0.00	0.00
79	102	181	-1.7	-9.4-1422.82	1.43	1.12	-5.86-1426.14	-27.51	0.00	0.00	0.00
79	103	182	-1.9	-9.2-1432.11	1.27	1.94	-5.75-1434.65	-27.95	0.00	0.00	0.00
79	104	183	-2.2	-9.0-1441.21	0.99	1.12	-5.63-1444.73	-29.96	0.00	0.00	0.00
79	105	184	-2.5	-8.8-1450.11	0.76	1.93	-5.52-1452.94	-30.10	0.00	0.00	0.00
79	106	185	-2.7	-8.6-1458.82	0.47	1.12	-5.42-1462.65	-31.74	0.00	0.00	0.00
79	107	186	-3.0	-8.4-1467.35	0.19	1.93	-5.31-1470.55	-31.56	0.00	0.00	0.00
79	108	187	-3.2	-8.3-1475.70	-0.14	1.12	-5.21-1479.93	-32.88	0.00	0.00	0.00
79	109	188	-3.5	-8.1-1483.87	-0.38	1.92	-5.12-1487.44	-32.31	0.00	0.00	0.00
79	110	189	-3.8	-7.9-1491.86	-0.79	1.12	-5.02-1496.55	-33.35	0.00	0.00	0.00
79	111	190	-4.0	-7.7-1499.68	-1.18	1.92	-4.93-1503.87	-32.60	-32.89	-1.47	-0.29
79	112	191	-4.3	-7.6-1507.32	-1.67	1.12	-4.84-1512.71	-33.37	-33.87	-2.17	-0.50
79	113	192	-4.5	-7.4-1514.80	-2.15	1.91	-4.75-1519.79	-32.37	-32.78	-2.56	-0.41
79	114	193	-4.8	-7.2-1522.11	-2.78	1.12	-4.67-1528.44	-32.96	-33.42	-3.24	-0.46
79	115	194	-5.0	-7.1-1529.26	-3.35	1.91	-4.59-1535.29	-31.73	-32.29	-3.91	-0.56
79	116	195	-5.2	-6.9-1536.25	-4.08	1.12	-4.51-1543.71	-32.09	-32.59	-4.58	-0.50
79	117	196	-5.5	-6.7-1543.08	-4.79	1.90	-4.43-1550.39	-30.69	-31.17	-5.27	-0.48
79	118	197	-5.7	-6.6-1549.75	-5.56	1.12	-4.35-1558.54	-30.77	-31.16	-5.95	-0.39
79	119	198	-6.0	-6.4-1556.27	-6.29	1.90	-4.28-1564.94	-29.10	-29.60	-6.79	-0.50
79	120	199	-6.2	-6.3-1562.64	-6.94	1.12	-4.21-1572.67	-28.75	-29.12	-7.31	-0.37
79	121	200	-6.4	-6.1-1568.86	-8.00	1.90	-4.14-1579.10	-27.11	-27.28	-8.17	-0.17
79	122	201	-6.7	-6.0-1574.93	-8.62	1.12	-4.07-1586.50	-26.44	-26.41	-8.59	0.03
79	123	202	-6.9	-5.9-1580.86	-9.48	1.89	-4.01-1592.45	-24.32	-24.42	-9.58	-0.10
79	124	203	-7.1	-5.7-1586.64-10.10	1.12	-3.94-1599.56	-23.36	-23.15	-9.89	0.21	
79	125	204	-7.4	-5.6-1592.29-11.14	1.89	-3.88-1605.42	-21.15	0.00	0.00	0.00	
79	126	205	-7.6	-5.4-1597.79-11.39	1.12	-3.82-1611.88	-19.54	0.00	0.00	0.00	
79	127	206	-7.8	-5.3-1603.16-10.41	1.88	-3.76-1615.45	-15.03	0.00	0.00	0.00	
79	128	207	-8.0	-5.2-1608.40	-9.47	1.12	-3.70-1620.45	-11.97	0.00	0.00	0.00
79	129	208	-8.3	-5.0-1613.51	-8.25	1.88	-3.64-1623.52	-6.96	0.00	0.00	0.00
79	130	209	-8.5	-4.9-1618.48	-6.93	1.12	-3.59-1627.88	-3.25	0.00	0.00	0.00
79	131	210	-8.7	-4.8-1623.33	-5.77	1.88	-3.53-1630.76	1.94	0.00	0.00	0.00
79	132	211	-8.9	-4.7-1628.05	-4.65	1.12	-3.48-1635.07	5.71	0.00	0.00	0.00
79	133	212	-9.1	-4.5-1632.65	-3.76	1.87	-3.43-1637.97	10.88	0.00	0.00	0.00
79	134	213	-9.4	-4.4-1637.12	-2.80	1.12	-3.38-1642.19	14.73	0.00	0.00	0.00
79	135	214	-9.6	-4.3-1641.48	-1.99	1.87	-3.33-1644.93	20.06	0.00	0.00	0.00
79	136	215	-9.8	-4.2-1645.71	-1.25	1.12	-3.28-1649.13	23.93	0.00	0.00	0.00
79	137	216-10.0	-4.1-1649.83	-0.65	1.87	-3.24-1651.85	29.28	0.00	0.00	0.00	
79	138	217-10.2	-3.9-1653.83	-0.15	1.12	-3.19-1656.06	33.14	0.00	0.00	0.00	
79	139	218-10.4	-3.8-1657.72	0.19	1.86	-3.15-1658.82	38.45	0.00	0.00	0.00	

79	140	219-10.6	-3.7-1661.50	0.51	1.12	-3.10-1662.97	42.37	0.00	0.00	0.00	
79	141	220-10.8	-3.6-1665.17	0.53	1.86	-3.06-1665.84	47.58	0.00	0.00	0.00	
79	142	221-11.0	-3.5-1668.72	0.81	1.12	-3.02-1669.82	51.67	0.00	0.00	0.00	
79	143	222-11.2	-3.4-1672.17	0.71	1.86	-2.98-1672.59	56.97	0.00	0.00	0.00	
79	144	223-11.4	-3.3-1675.52	0.78	1.12	-2.94-1676.56	61.07	0.00	0.00	0.00	
79	145	224-11.6	-3.2-1678.76	0.55	1.85	-2.90-1679.26	66.44	0.00	0.00	0.00	
79	146	225-11.8	-3.1-1681.90	0.62	1.12	-2.86-1683.03	70.75	0.00	0.00	0.00	
79	147	226-12.0	-3.0-1684.94	0.31	1.85	-2.83-1685.60	76.24	0.00	0.00	0.00	
79	148	227-12.2	-2.9-1687.88	0.31	1.12	-2.79-1689.24	80.68	0.00	0.00	0.00	
79	149	228-12.4	-2.8-1690.72	-0.06	1.85	-2.75-1691.68	86.30	0.00	0.00	0.00	
79	150	229-12.5	-2.7-1693.46	-0.08	1.12	-2.72-1695.14	90.92	0.00	0.00	0.00	
79	151	230-12.7	-2.6-1696.11	-0.44	1.84	-2.69-1697.39	96.74	0.00	0.00	0.00	
79	152	231-12.9	-2.5-1698.66	-0.42	1.12	-2.65-1700.62	101.58	0.00	0.00	0.00	
79	153	232-13.1	-2.4-1701.13	-0.52	1.84	-2.62-1702.42	107.85	0.00	0.00	0.00	
79	154	233-13.3	-2.3-1703.50	-0.40	1.12	-2.59-1705.36	112.98	0.00	0.00	0.00	
79	155	234-13.5	-2.2-1705.78	-0.67	1.84	-2.56-1707.17	119.25	0.00	0.00	0.00	
79	156	235-13.6	-2.1-1707.97	-0.56	1.12	-2.53-1709.94	124.55	0.00	0.00	0.00	
79	157	236-13.8	-2.1-1710.07	-0.87	1.84	-2.50-1711.60	130.95	0.00	0.00	0.00	
79	158	237-14.0	-2.0-1712.10	-1.01	1.12	-2.47-1714.45	136.18	0.00	0.00	0.00	
79	159	238-14.2	-1.9-1714.03	-1.31	1.83	-2.44-1715.94	142.76	0.00	0.00	0.00	
79	160	239-14.3	-1.8-1715.88	-1.78	1.12	-2.41-1718.95	147.82	0.00	0.00	0.00	
79	161	240-14.5	-1.7-1717.65	-2.40	1.83	-2.38-1720.60	154.24	0.00	0.00	0.00	
79	162	241-14.7	-1.6-1719.34	-2.70	1.12	-2.35-1723.27	159.64	0.00	0.00	0.00	
79	163	242-14.8	-1.6-1720.95	-2.90	1.83	-2.33-1724.35	166.64	0.00	0.00	0.00	
79	164	243-15.0	-1.5-1722.48	-2.40	1.12	-2.30-1726.06	173.00	0.00	0.00	0.00	
79	165	244-15.2	-1.4-1723.93	-0.21	1.82	-2.28-1724.59	182.54	0.00	0.00	0.00	
79	166	245-15.3	-1.3-1725.31	-0.50	1.12	-2.25-1726.94	188.26	0.00	0.00	0.00	
79	167	246-15.5	-1.3-1726.61	-1.14	1.82	-2.23-1728.15	195.12	0.00	0.00	0.00	
79	168	247-15.6	-1.2-1727.83	-1.88	1.12	-2.20-1730.80	200.55	0.00	0.00	0.00	
79	169	248-15.8	-1.1-1728.99	-2.33	1.82	-2.18-1731.67	207.74	0.00	0.00	0.00	
79	170	249-16.0	-1.0-1730.07	-2.77	1.12	-2.15-1733.88	213.61	0.00	0.00	0.00	
79	171	250-16.1	-1.0-1731.08	-4.76	1.82	-2.13-1736.16	219.40	0.00	0.00	0.00	
79	172	251-16.3	-0.9-1732.02	-5.08	1.12	-2.11-1738.10	225.53	0.00	0.00	0.00	
79	173	252-16.4	-0.8-1732.90	-5.79	1.81	-2.09-1738.96	232.74	0.00	0.00	0.00	
79	174	253-16.6	-0.8-1733.70	-5.04	1.12	-2.07-1739.69	240.08	0.00	0.00	0.00	
79	175	254-16.7	-0.7-1734.44	-5.80	1.81	-2.04-1740.48	247.37	0.00	0.00	0.00	
79	176	255-16.9	-0.6-1735.12	-7.16	1.12	-2.02-1743.19	252.73	0.00	0.00	0.00	
79	177	256-17.0	-0.6-1735.73	-7.94	1.81	-2.00-1743.86	260.12	0.00	0.00	0.00	
79	178	257-17.1	-0.5-1736.28	-8.15	1.12	-1.98-1745.29	266.76	0.00	0.00	0.00	
79	179	258-17.3	-0.5-1736.76	-8.17	1.81	-1.96-1745.09	275.04	0.00	0.00	0.00	
79	180	259-17.4	-0.4-1737.19	-8.46	1.12	-1.94-1746.47	281.73	0.00	0.00	0.00	
79	181	260-17.6	-0.3-1737.55	-9.09	1.81	-1.92-1746.76	289.51	0.00	0.00	0.00	
79	182	261-17.7	-0.3-1737.86	-9.22	1.12	-1.91-1747.87	296.48	0.00	0.00	0.00	
79	183	262-17.8	-0.2-1738.11	-9.77	1.80	-1.89-1747.96	304.45	0.00	0.00	0.00	
79	184	263-18.0	-0.2-1738.30	-9.57	1.12	-1.87-1748.62	311.87	0.00	0.00	0.00	
80	90	170	2.2-12.3-1293.11	-2.78	0.00	-7.81-1303.70	5.34	0.00	0.00	0.00	
80	91	171	1.9-12.0-1305.28	-1.90	1.07	-7.63-1313.74	3.37	0.00	0.00	0.00	
80	92	172	1.6-11.8-1317.20	-1.22	0.00	-7.46-1325.88	-0.70	0.00	0.00	0.00	
80	93	173	1.3-11.6-1328.90	-0.55	1.06	-7.29-1335.68	-2.42	0.00	0.00	0.00	
80	94	174	1.0-11.3-1340.36	-0.02	0.00	-7.13-1347.52	-6.18	0.00	0.00	0.00	
80	95	175	0.7-11.1-1351.60	0.45	1.05	-6.98-1357.08	-7.68	0.00	0.00	0.00	
80	96	176	0.5-10.9-1362.62	0.78	0.00	-6.83-1368.67	-11.19	-11.88	0.09	-0.69	
80	97	177	0.2-10.7-1373.42	1.13	1.04	-6.68-1377.92	-12.38	0.00	0.00	0.00	
80	98	178	-0.1-10.5-1384.00	1.32	0.00	-6.54-1389.22	-15.60	-16.32	0.60	-0.72	
80	99	179	-0.4-10.3-1394.37	1.45	1.04	-6.40-1398.29	-16.60	0.00	0.00	0.00	
80	100	180	-0.6-10.1-1404.53	1.48	0.00	-6.27-1409.32	-19.57	0.00	0.00	0.00	
80	101	181	-0.9	-9.9-1414.49	1.46	1.03	-6.14-1418.14	-20.31	0.00	0.00	0.00
80	102	182	-1.2	-9.7-1424.25	1.32	0.00	-6.02-1428.95	-23.04	0.00	0.00	0.00
80	103	183	-1.4	-9.5-1433.80	1.19	1.02	-5.90-1437.49	-23.51	0.00	0.00	0.00
80	104	184	-1.7	-9.3-1443.16	0.91	0.00	-5.78-1448.03	-25.99	0.00	0.00	0.00
80	105	185	-2.0	-9.1-1452.33	0.67	1.02	-5.67-1456.31	-26.19	0.00	0.00	0.00
80	106	186	-2.2	-8.9-1461.31	0.42	0.00	-5.56-1466.44	-28.26	0.00	0.00	0.00
80	107	187	-2.5	-8.7-1470.10	0.12	1.01	-5.45-1474.42	-28.16	0.00	0.00	0.00
80	108	188	-2.8	-8.5-1478.70	-0.25	0.00	-5.35-1484.30	-29.97	0.00	0.00	0.00
80	109	189	-3.0	-8.3-1487.13	-0.55	1.00	-5.25-1491.92	-29.52	0.00	0.00	0.00
80	110	190	-3.3	-8.2-1495.37	-1.00	0.00	-5.15-1501.53	-31.05	0.00	0.00	0.00

80	111	191	-3.5	-8.0-1503.44	-1.42	1.00	-5.06-1508.92	-30.38	-30.69	-1.73	-0.31
80	112	192	-3.8	-7.8-1511.34	-1.95	0.00	-4.97-1518.26	-31.64	0.00	0.00	0.00
80	113	193	-4.0	-7.6-1519.07	-2.44	0.99	-4.88-1525.39	-30.70	-31.08	-2.82	-0.38
80	114	194	-4.3	-7.5-1526.63	-3.07	0.00	-4.79-1534.49	-31.73	-32.25	-3.59	-0.52
80	115	195	-4.5	-7.3-1534.02	-3.70	0.99	-4.71-1541.44	-30.61	-31.07	-4.16	-0.46
80	116	196	-4.8	-7.1-1541.26	-4.51	0.00	-4.62-1550.39	-31.49	-31.85	-4.87	-0.36
80	117	197	-5.0	-7.0-1548.33	-5.12	0.98	-4.54-1557.01	-30.04	-30.57	-5.65	-0.53
80	118	198	-5.2	-6.8-1555.24	-5.99	0.00	-4.47-1565.70	-30.65	-30.98	-6.32	-0.33
80	119	199	-5.5	-6.7-1562.00	-6.75	0.98	-4.39-1572.16	-29.05	-29.57	-7.27	-0.52
80	120	200	-5.7	-6.5-1568.61	-7.52	0.00	-4.32-1580.44	-29.25	-29.53	-7.80	-0.28
80	121	201	-6.0	-6.4-1575.06	-8.37	0.97	-4.25-1586.70	-27.45	-27.69	-8.61	-0.24
80	122	202	-6.2	-6.2-1581.37	-9.11	0.00	-4.18-1594.65	-27.32	-27.37	-9.16	-0.05
80	123	203	-6.4	-6.1-1587.53	-10.01	0.97	-4.11-1600.68	-25.28	-25.29	-10.02	-0.01
80	124	204	-6.7	-5.9-1593.54	-10.69	0.00	-4.04-1608.27	-24.80	-24.72	-10.61	0.08
80	125	205	-6.9	-5.8-1599.42	-11.82	0.96	-3.98-1614.25	-22.71	-22.31	-11.42	0.40
80	126	206	-7.1	-5.7-1605.15	-12.00	0.00	-3.91-1621.07	-21.45	-20.97	-11.52	0.48
80	127	207	-7.3	-5.5-1610.75	-11.13	0.95	-3.85-1624.78	-17.09	-16.27	-10.31	0.82
80	128	208	-7.6	-5.4-1616.21	-10.13	0.00	-3.79-1630.13	-14.37	0.00	0.00	0.00
80	129	209	-7.8	-5.3-1621.54	-8.91	0.95	-3.74-1633.23	-9.40	0.00	0.00	0.00
80	130	210	-8.0	-5.1-1626.73	-7.60	0.00	-3.68-1638.01	-6.11	0.00	0.00	0.00
80	131	211	-8.2	-5.0-1631.80	-6.44	0.95	-3.62-1640.92	-0.94	0.00	0.00	0.00
80	132	212	-8.4	-4.9-1636.74	-5.31	0.00	-3.57-1645.62	2.43	0.00	0.00	0.00
80	133	213	-8.7	-4.7-1641.55	-4.29	0.94	-3.52-1648.41	7.70	0.00	0.00	0.00
80	134	214	-8.9	-4.6-1646.24	-3.37	0.00	-3.47-1653.07	11.12	0.00	0.00	0.00
80	135	215	-9.1	-4.5-1650.80	-2.35	0.94	-3.41-1655.63	16.63	0.00	0.00	0.00
80	136	216	-9.3	-4.4-1655.25	-1.49	0.00	-3.37-1660.10	20.23	0.00	0.00	0.00
80	137	217	-9.5	-4.3-1659.57	-0.68	0.93	-3.32-1662.64	25.76	0.00	0.00	0.00
80	138	218	-9.7	-4.1-1663.78	-0.08	0.00	-3.27-1667.13	29.34	0.00	0.00	0.00
80	139	219	-9.9	-4.0-1667.88	0.24	0.93	-3.23-1669.94	34.61	0.00	0.00	0.00
80	140	220	-10.1	-3.9-1671.86	0.58	0.00	-3.18-1674.46	38.16	0.00	0.00	0.00
80	141	221	-10.3	-3.8-1675.73	0.53	0.92	-3.14-1677.41	43.28	0.00	0.00	0.00
80	142	222	-10.5	-3.7-1679.48	0.85	0.00	-3.09-1681.73	47.03	0.00	0.00	0.00
80	143	223	-10.7	-3.6-1683.13	0.78	0.92	-3.05-1684.49	52.34	0.00	0.00	0.00
80	144	224	-10.9	-3.5-1686.68	0.88	0.00	-3.01-1688.81	56.09	0.00	0.00	0.00
80	145	225	-11.1	-3.4-1690.11	0.65	0.91	-2.97-1691.52	61.45	0.00	0.00	0.00
80	146	226	-11.3	-3.3-1693.45	0.76	0.00	-2.93-1695.62	65.43	0.00	0.00	0.00
80	147	227	-11.5	-3.2-1696.68	0.45	0.91	-2.89-1698.21	70.90	0.00	0.00	0.00
80	148	228	-11.7	-3.1-1699.81	0.48	0.00	-2.86-1702.18	75.00	0.00	0.00	0.00
80	149	229	-11.9	-3.0-1702.84	0.13	0.91	-2.82-1704.62	80.64	0.00	0.00	0.00
80	150	230	-12.1	-2.9-1705.77	0.17	0.00	-2.79-1708.38	84.95	0.00	0.00	0.00
80	151	231	-12.3	-2.8-1708.60	-0.17	0.90	-2.75-1710.62	90.78	0.00	0.00	0.00
80	152	232	-12.4	-2.7-1711.34	-0.11	0.00	-2.72-1714.17	95.31	0.00	0.00	0.00
80	153	233	-12.6	-2.6-1713.98	-0.19	0.90	-2.68-1715.96	101.59	0.00	0.00	0.00
80	154	234	-12.8	-2.5-1716.54	-0.02	0.00	-2.65-1719.21	106.41	0.00	0.00	0.00
80	155	235	-13.0	-2.4-1719.00	-0.16	0.89	-2.62-1720.88	112.81	0.00	0.00	0.00
80	156	236	-13.2	-2.3-1721.37	-0.13	0.00	-2.59-1724.08	117.68	0.00	0.00	0.00
80	157	237	-13.3	-2.2-1723.65	-0.42	0.89	-2.55-1725.74	124.10	0.00	0.00	0.00
80	158	238	-13.5	-2.1-1725.84	-0.51	0.00	-2.52-1728.88	129.02	0.00	0.00	0.00
80	159	239	-13.7	-2.1-1727.95	-0.94	0.89	-2.50-1730.50	135.47	0.00	0.00	0.00
80	160	240	-13.9	-2.0-1729.98	-1.27	0.00	-2.47-1733.71	140.33	0.00	0.00	0.00
80	161	241	-14.0	-1.9-1731.92	-1.80	0.88	-2.44-1735.27	146.85	0.00	0.00	0.00
80	162	242	-14.2	-1.8-1733.77	-1.99	0.00	-2.41-1738.17	152.02	0.00	0.00	0.00
80	163	243	-14.4	-1.7-1735.55	-2.33	0.88	-2.38-1739.38	158.88	0.00	0.00	0.00
80	164	244	-14.5	-1.7-1737.24	-0.13	0.00	-2.36-1739.73	166.60	0.00	0.00	0.00
80	165	245	-14.7	-1.6-1738.86	-0.63	0.88	-2.33-1740.94	173.46	0.00	0.00	0.00
80	166	246	-14.9	-1.5-1740.40	-1.24	0.00	-2.30-1743.94	178.53	0.00	0.00	0.00
80	167	247	-15.0	-1.4-1741.86	-2.12	0.87	-2.28-1745.39	185.16	0.00	0.00	0.00
80	168	248	-15.2	-1.3-1743.25	-2.86	0.00	-2.25-1748.36	190.25	0.00	0.00	0.00
80	169	249	-15.3	-1.3-1744.56	-3.72	0.87	-2.23-1749.64	197.04	0.00	0.00	0.00
80	170	250	-15.5	-1.2-1745.80	-4.13	0.00	-2.20-1752.14	202.62	0.00	0.00	0.00
80	171	251	-15.7	-1.1-1746.97	-4.83	0.86	-2.18-1753.11	209.72	0.00	0.00	0.00
80	172	252	-15.8	-1.1-1748.06	-5.20	0.00	-2.16-1755.42	215.48	0.00	0.00	0.00
80	173	253	-16.0	-1.0-1749.09	-5.88	0.86	-2.14-1756.24	222.73	0.00	0.00	0.00
80	174	254	-16.1	-0.9-1750.05	-6.14	0.00	-2.11-1758.30	228.74	0.00	0.00	0.00
80	175	255	-16.3	-0.9-1750.94	-7.00	0.86	-2.09-1759.17	235.95	0.00	0.00	0.00
80	176	256	-16.4	-0.8-1751.76	-7.35	0.00	-2.07-1761.18	242.01	0.00	0.00	0.00

80	177	257-16.6	-0.7-1752.52	-8.06	0.85	-2.05-1761.77	249.49	0.00	0.00	0.00
80	178	258-16.7	-0.7-1753.21	-8.28	0.00	-2.03-1763.52	255.82	0.00	0.00	0.00
80	179	259-16.9	-0.6-1753.83	-8.46	0.85	-2.01-1763.45	263.95	0.00	0.00	0.00
80	180	260-17.0	-0.5-1754.40	-8.72	0.00	-1.99-1765.11	270.37	0.00	0.00	0.00
80	181	261-17.1	-0.5-1754.90	-9.33	0.85	-1.97-1765.35	278.19	0.00	0.00	0.00
80	182	262-17.3	-0.4-1755.35	-9.48	0.00	-1.95-1766.78	284.84	0.00	0.00	0.00
80	183	263-17.4	-0.4-1755.73	-10.07	0.85	-1.93-1766.88	292.80	0.00	0.00	0.00
80	184	264-17.5	-0.3-1756.05	-9.86	0.00	-1.91-1767.83	299.93	0.00	0.00	0.00
80	185	265-17.7	-0.2-1756.32	-9.07	0.84	-1.89-1766.44	309.39	0.00	0.00	0.00
80	186	266-17.8	-0.2-1756.53	-8.34	0.00	-1.88-1766.75	317.15	0.00	0.00	0.00
81	92	173	2.1-12.1-1315.38	-1.98	1.11	-7.66-1323.91	8.55	0.00	0.00	0.00
81	93	174	1.8-11.9-1327.36	-1.19	1.96	-7.49-1334.08	6.45	0.00	0.00	0.00
81	94	175	1.5-11.6-1339.11	-0.64	1.11	-7.32-1345.96	2.65	0.00	0.00	0.00
81	95	176	1.2-11.4-1350.63	-0.03	1.95	-7.16-1355.87	0.81	0.00	0.00	0.00
81	96	177	0.9-11.2-1361.92	0.33	1.11	-7.01-1367.49	-2.74	0.00	0.00	0.00
81	97	178	0.7-11.0-1373.00	0.70	1.95	-6.86-1377.21	-4.39	0.00	0.00	0.00
81	98	179	0.4-10.7-1383.86	0.88	1.11	-6.71-1388.58	-7.69	-7.97	0.60	-0.28
81	99	180	0.1-10.5-1394.50	1.13	1.94	-6.57-1398.00	-9.04	0.00	0.00	0.00
81	100	181	-0.2-10.3-1404.94	1.11	1.11	-6.43-1409.15	-12.12	0.00	0.00	0.00
81	101	182	-0.4-10.1-1415.16	1.22	1.93	-6.30-1418.31	-13.21	0.00	0.00	0.00
81	102	183	-0.7-9.9-1425.19	1.06	1.11	-6.18-1429.19	-16.02	0.00	0.00	0.00
81	103	184	-1.0-9.7-1435.01	1.04	1.93	-6.05-1438.09	-16.85	0.00	0.00	0.00
81	104	185	-1.2-9.5-1444.64	0.81	1.11	-5.93-1448.65	-19.33	0.00	0.00	0.00
81	105	186	-1.5-9.3-1454.07	0.60	1.92	-5.82-1457.36	-19.97	0.00	0.00	0.00
81	106	187	-1.8-9.1-1463.30	0.31	1.11	-5.70-1467.59	-22.13	0.00	0.00	0.00
81	107	188	-2.0-9.0-1472.35	0.00	1.92	-5.59-1476.03	-22.50	0.00	0.00	0.00
81	108	189	-2.3-8.8-1481.22	-0.40	1.11	-5.49-1486.00	-24.39	0.00	0.00	0.00
81	109	190	-2.5-8.6-1489.90	-0.79	1.91	-5.39-1494.16	-24.49	0.00	0.00	0.00
81	110	191	-2.8-8.4-1498.40	-1.32	1.11	-5.29-1503.90	-26.15	0.00	0.00	0.00
81	111	192	-3.0-8.2-1506.73	-1.79	1.91	-5.19-1511.79	-25.98	0.00	0.00	0.00
81	112	193	-3.3-8.1-1514.88	-2.43	1.11	-5.09-1521.29	-27.40	-27.44	-2.47	-0.04
81	113	194	-3.5-7.9-1522.85	-2.91	1.91	-5.00-1528.86	-26.90	0.00	0.00	0.00
81	114	195	-3.8-7.7-1530.66	-3.72	1.11	-4.91-1538.18	-28.15	-28.27	-3.84	-0.12
81	115	196	-4.0-7.6-1538.30	-4.38	1.90	-4.83-1545.61	-27.50	0.00	0.00	0.00
81	116	197	-4.3-7.4-1545.78	-5.13	1.11	-4.74-1554.54	-28.36	-28.40	-5.17	-0.04
81	117	198	-4.5-7.2-1553.09	-5.87	1.90	-4.66-1561.72	-27.48	-27.52	-5.91	-0.04
81	118	199	-4.8-7.1-1560.25	-6.64	1.11	-4.58-1570.36	-28.04	-28.14	-6.74	-0.10
81	119	200	-5.0-6.9-1567.24	-7.49	1.89	-4.50-1577.34	-26.95	-27.07	-7.61	-0.12
81	120	201	-5.2-6.8-1574.09	-8.27	1.11	-4.43-1585.67	-27.21	-27.20	-8.26	0.01
81	121	202	-5.5-6.6-1580.78	-9.25	1.89	-4.35-1592.49	-25.96	-26.00	-9.29	-0.04
81	122	203	-5.7-6.5-1587.32	-9.97	1.11	-4.28-1600.46	-25.86	-25.78	-9.89	0.08
81	123	204	-5.9-6.3-1593.71	-10.83	1.88	-4.21-1606.87	-24.19	-24.37	-11.01	-0.18
81	124	205	-6.2-6.2-1599.96	-11.58	1.11	-4.14-1614.57	-23.82	-23.84	-11.60	-0.02
81	125	206	-6.4-6.0-1606.06	-12.58	1.88	-4.08-1620.84	-22.02	-22.28	-12.84	-0.26
81	126	207	-6.6-5.9-1612.02	-12.82	1.11	-4.01-1627.75	-20.86	-21.05	-13.01	-0.19
81	127	208	-6.9-5.7-1617.84	-11.89	1.88	-3.95-1631.81	-16.85	-16.77	-11.81	0.08
81	128	209	-7.1-5.6-1623.53	-10.89	1.11	-3.89-1637.20	-14.17	-13.65	-10.37	0.52
81	129	210	-7.3-5.5-1629.08	-9.60	1.87	-3.83-1640.63	-9.53	-9.26	-9.33	0.27
81	130	211	-7.5-5.3-1634.50	-8.40	1.11	-3.77-1645.56	-6.38	0.00	0.00	0.00
81	131	212	-7.7-5.2-1639.78	-7.34	1.87	-3.71-1648.96	-1.72	0.00	0.00	0.00
81	132	213	-8.0-5.1-1644.94	-6.16	1.11	-3.66-1653.64	1.67	0.00	0.00	0.00
81	133	214	-8.2-5.0-1649.96	-5.15	1.87	-3.60-1656.85	6.54	0.00	0.00	0.00
81	134	215	-8.4-4.8-1654.86	-4.12	1.11	-3.55-1661.43	10.04	0.00	0.00	0.00
81	135	216	-8.6-4.7-1659.64	-3.12	1.86	-3.50-1664.40	15.13	0.00	0.00	0.00
81	136	217	-8.8-4.6-1664.30	-2.33	1.11	-3.45-1668.97	18.64	0.00	0.00	0.00
81	137	218	-9.0-4.5-1668.83	-1.88	1.86	-3.40-1672.26	23.42	0.00	0.00	0.00
81	138	219	-9.2-4.4-1673.25	-1.17	1.11	-3.35-1676.66	27.08	0.00	0.00	0.00
81	139	220	-9.4-4.2-1677.55	-0.47	1.85	-3.30-1679.47	32.35	0.00	0.00	0.00
81	140	221	-9.6-4.1-1681.74	0.23	1.11	-3.26-1683.66	36.23	0.00	0.00	0.00
81	141	222	-9.8-4.0-1685.81	0.25	1.85	-3.21-1686.92	41.04	0.00	0.00	0.00
81	142	223	-10.0-3.9-1689.77	0.60	1.11	-3.17-1691.23	44.81	0.00	0.00	0.00
81	143	224	-10.2-3.8-1693.62	0.57	1.85	-3.13-1694.32	49.78	0.00	0.00	0.00
81	144	225	-10.4-3.7-1697.36	0.70	1.11	-3.09-1698.63	53.54	0.00	0.00	0.00
81	145	226	-10.6-3.6-1700.99	0.57	1.85	-3.04-1701.62	58.63	0.00	0.00	0.00
81	146	227	-10.8-3.5-1704.52	0.70	1.11	-3.00-1705.71	62.61	0.00	0.00	0.00
81	147	228	-11.0-3.4-1707.94	0.40	1.84	-2.96-1708.66	67.73	0.00	0.00	0.00

81	148	229-11.2	-3.3-1711.26	0.44	1.11	-2.93-1712.64	71.82	0.00	0.00	0.00	
81	149	230-11.4	-3.2-1714.48	0.10	1.84	-2.89-1715.43	77.10	0.00	0.00	0.00	
81	150	231-11.6	-3.1-1717.60	0.14	1.11	-2.85-1719.20	81.40	0.00	0.00	0.00	
81	151	232-11.8	-3.0-1720.62	-0.17	1.84	-2.82-1721.77	86.91	0.00	0.00	0.00	
81	152	233-12.0	-2.9-1723.54	-0.09	1.11	-2.78-1725.31	91.44	0.00	0.00	0.00	
81	153	234-12.2	-2.8-1726.37	-0.14	1.83	-2.75-1727.43	97.39	0.00	0.00	0.00	
81	154	235-12.3	-2.7-1729.11	0.07	1.11	-2.71-1730.64	102.25	0.00	0.00	0.00	
81	155	236-12.5	-2.6-1731.75	-0.10	1.83	-2.68-1732.70	108.26	0.00	0.00	0.00	
81	156	237-12.7	-2.5-1734.30	-0.02	1.11	-2.65-1735.86	113.18	0.00	0.00	0.00	
81	157	238-12.9	-2.4-1736.76	-0.29	1.83	-2.62-1737.84	119.27	0.00	0.00	0.00	
81	158	239-13.1	-2.3-1739.13	-0.35	1.11	-2.58-1740.95	124.22	0.00	0.00	0.00	
81	159	240-13.2	-2.2-1741.41	-0.82	1.82	-2.55-1742.96	130.29	0.00	0.00	0.00	
81	160	241-13.4	-2.1-1743.61	0.85	1.11	-2.52-1744.17	137.15	0.00	0.00	0.00	
81	161	242-13.6	-2.1-1745.72	0.47	1.82	-2.49-1745.92	143.47	0.00	0.00	0.00	
81	162	243-13.7	-2.0-1747.75	0.10	1.11	-2.47-1749.00	148.46	0.00	0.00	0.00	
81	163	244-13.9	-1.9-1749.69	-0.31	1.82	-2.44-1750.62	154.91	0.00	0.00	0.00	
81	164	245-14.1	-1.8-1751.56	-0.69	1.11	-2.41-1753.55	160.06	0.00	0.00	0.00	
81	165	246-14.2	-1.7-1753.34	-1.11	1.82	-2.38-1755.02	166.66	0.00	0.00	0.00	
81	166	247-14.4	-1.7-1755.04	-1.42	1.11	-2.36-1757.71	172.04	0.00	0.00	0.00	
81	167	248-14.6	-1.6-1756.67	-2.10	1.81	-2.33-1759.28	178.54	0.00	0.00	0.00	
81	168	249-14.7	-1.5-1758.21	-2.58	1.11	-2.31-1761.99	183.90	0.00	0.00	0.00	
81	169	250-14.9	-1.4-1759.69	-3.15	1.81	-2.28-1763.31	190.66	0.00	0.00	0.00	
81	170	251-15.1	-1.4-1761.08	-3.51	1.11	-2.26-1765.74	196.29	0.00	0.00	0.00	
81	171	252-15.2	-1.3-1762.41	-4.12	1.81	-2.23-1766.95	203.15	0.00	0.00	0.00	
81	172	253-15.4	-1.2-1763.66	-4.62	1.11	-2.21-1769.38	208.80	0.00	0.00	0.00	
81	173	254-15.5	-1.1-1764.84	-5.24	1.81	-2.18-1770.46	215.79	0.00	0.00	0.00	
81	174	255-15.7	-1.1-1765.95	-5.64	1.11	-2.16-1772.64	221.68	0.00	0.00	0.00	
81	175	256-15.8	-1.0-1766.99	-6.40	1.80	-2.14-1773.72	228.67	0.00	0.00	0.00	
81	176	257-16.0	-0.9-1767.96	-7.24	1.11	-2.12-1776.21	234.25	0.00	0.00	0.00	
81	177	258-16.1	-0.9-1768.86	-7.78	1.80	-2.10-1776.94	241.60	0.00	0.00	0.00	
81	178	259-16.3	-0.8-1769.70	-8.11	1.11	-2.07-1778.78	247.83	0.00	0.00	0.00	
81	179	260-16.4	-0.7-1770.47	-8.94	1.80	-2.05-1779.67	255.01	0.00	0.00	0.00	
81	180	261-16.6	-0.7-1771.18	-9.20	1.11	-2.03-1781.30	261.44	0.00	0.00	0.00	
81	181	262-16.7	-0.6-1771.83	-9.87	1.80	-2.01-1781.91	268.91	0.00	0.00	0.00	
81	182	263-16.8	-0.5-1772.41	-10.05	1.11	-1.99-1783.34	275.55	0.00	0.00	0.00	
81	183	264-17.0	-0.5-1772.93	-10.52	1.79	-1.97-1783.63	283.33	0.00	0.00	0.00	
81	184	265-17.1	-0.4-1773.39	-10.30	1.11	-1.95-1784.54	290.50	0.00	0.00	0.00	
81	185	266-17.3	-0.4-1773.79	-9.49	1.79	-1.94-1783.43	299.68	0.00	0.00	0.00	
81	186	267-17.4	-0.3-1774.14	-8.77	1.11	-1.92-1783.72	307.46	0.00	0.00	0.00	
81	187	268-17.5	-0.3-1774.42	-7.70	1.79	-1.90-1782.23	317.01	0.00	0.00	0.00	
81	188	269-17.7	-0.2-1774.65	-6.76	1.11	-1.88-1782.19	325.13	0.00	0.00	0.00	
82	93	175	2.2-12.1-1325.36	-1.50	1.06	-7.68-1333.48	14.33	0.00	0.00	0.00	
82	94	176	2.0-11.9-1337.39	-0.96	0.00	-7.51-1345.85	10.02	0.00	0.00	0.00	
82	95	177	1.7-11.7-1349.18	-0.44	1.05	-7.35-1355.92	8.03	0.00	0.00	0.00	
82	96	178	1.4-11.5-1360.76	-0.07	0.00	-7.19-1368.01	4.01	0.00	0.00	0.00	
82	97	179	1.1-11.2-1372.11	0.34	1.04	-7.03-1377.76	2.34	0.00	0.00	0.00	
82	98	180	0.9-11.0-1383.24	0.48	0.00	-6.88-1389.65	-1.48	0.00	0.00	0.00	
82	99	181	0.6-10.8-1394.16	0.73	1.04	-6.74-1399.13	-2.90	0.00	0.00	0.00	
82	100	182	0.3-10.6-1404.87	0.75	0.00	-6.60-1410.72	-6.41	-6.82	0.34	-0.41	
82	101	183	0.0-10.4-1415.36	0.84	1.03	-6.47-1419.96	-7.58	0.00	0.00	0.00	
82	102	184	-0.2-10.2-1425.65	0.80	0.00	-6.33-1431.19	-10.74	0.00	0.00	0.00	
82	103	185	-0.5-10.0-1435.74	0.80	1.02	-6.21-1440.13	-11.60	0.00	0.00	0.00	
82	104	186	-0.8	-9.8-1445.63	0.61	0.00	-6.08-1451.11	-14.51	0.00	0.00	0.00
82	105	187	-1.0	-9.6-1455.32	0.56	1.02	-5.97-1459.71	-15.05	0.00	0.00	0.00
82	106	188	-1.3	-9.4-1464.82	0.21	0.00	-5.85-1470.46	-17.73	0.00	0.00	0.00
82	107	189	-1.5	-9.2-1474.13	-0.02	1.01	-5.74-1478.88	-18.07	0.00	0.00	0.00
82	108	190	-1.8	-9.0-1483.26	-0.43	0.00	-5.63-1489.32	-20.44	0.00	0.00	0.00
82	109	191	-2.1	-8.8-1492.19	-0.70	1.00	-5.52-1497.41	-20.46	0.00	0.00	0.00
82	110	192	-2.3	-8.7-1500.95	-1.33	0.00	-5.42-1507.70	-22.68	0.00	0.00	0.00
82	111	193	-2.6	-8.5-1509.53	-1.69	1.00	-5.32-1515.54	-22.45	0.00	0.00	0.00
82	112	194	-2.8	-8.3-1517.93	-2.42	0.00	-5.22-1525.57	-24.41	0.00	0.00	0.00
82	113	195	-3.1	-8.1-1526.15	-2.88	0.99	-5.13-1533.17	-23.93	0.00	0.00	0.00
82	114	196	-3.3	-8.0-1534.21	-3.68	0.00	-5.04-1542.93	-25.62	0.00	0.00	0.00
82	115	197	-3.6	-7.8-1542.10	-4.26	0.99	-4.95-1550.32	-24.94	0.00	0.00	0.00
82	116	198	-3.8	-7.6-1549.82	-5.08	0.00	-4.86-1559.76	-26.31	0.00	0.00	0.00
82	117	199	-4.0	-7.5-1557.37	-5.75	0.98	-4.78-1566.92	-25.40	-25.27	-5.62	0.13

82	118	200	-4.3	-7.3	-1564.77	-6.59	0.00	-4.70	-1576.05	-26.46	0.00	0.00	0.00
82	119	201	-4.5	-7.2	-1572.01	-7.40	0.98	-4.62	-1583.05	-25.38	-25.30	-7.32	0.08
82	120	202	-4.8	-7.0	-1579.09	-8.22	0.00	-4.54	-1591.84	-26.11	-25.96	-8.07	0.15
82	121	203	-5.0	-6.8	-1586.01	-9.13	0.97	-4.46	-1598.63	-24.83	-24.81	-9.11	0.02
82	122	204	-5.2	-6.7	-1592.79	-10.02	0.00	-4.39	-1607.20	-25.32	-25.13	-9.83	0.19
82	123	205	-5.5	-6.5	-1599.41	-11.00	0.97	-4.32	-1613.76	-23.81	-23.79	-10.98	0.02
82	124	206	-5.7	-6.4	-1605.89	-11.82	0.00	-4.25	-1621.96	-23.94	-23.81	-11.69	0.13
82	125	207	-5.9	-6.3	-1612.22	-12.68	0.96	-4.18	-1628.12	-22.03	-22.48	-13.13	-0.45
82	126	208	-6.1	-6.1	-1618.41	-12.84	0.00	-4.11	-1635.36	-21.20	-21.77	-13.41	-0.57
82	127	209	-6.4	-6.0	-1624.46	-11.96	0.95	-4.05	-1639.51	-17.28	-17.64	-12.32	-0.36
82	128	210	-6.6	-5.8	-1630.37	-10.92	0.00	-3.99	-1645.27	-14.97	-14.75	-10.70	0.22
82	129	211	-6.8	-5.7	-1636.14	-9.65	0.95	-3.92	-1648.76	-10.39	-10.49	-9.75	-0.10
82	130	212	-7.0	-5.6	-1641.78	-8.50	0.00	-3.86	-1654.14	-7.69	-7.57	-8.38	0.12
82	131	213	-7.3	-5.4	-1647.28	-7.26	0.95	-3.81	-1657.40	-2.88	0.00	0.00	0.00
82	132	214	-7.5	-5.3	-1652.65	-6.22	0.00	-3.75	-1662.62	-0.03	-0.19	-6.38	-0.16
82	133	215	-7.7	-5.2	-1657.90	-5.23	0.94	-3.69	-1665.88	4.78	0.00	0.00	0.00
82	134	216	-7.9	-5.0	-1663.01	-4.36	0.00	-3.64	-1671.01	7.72	0.00	0.00	0.00
82	135	217	-8.1	-4.9	-1668.00	-3.59	0.94	-3.59	-1674.24	12.56	0.00	0.00	0.00
82	136	218	-8.3	-4.8	-1672.87	-2.80	0.00	-3.53	-1679.20	15.67	0.00	0.00	0.00
82	137	219	-8.5	-4.7	-1677.62	-2.09	0.93	-3.48	-1682.26	20.69	0.00	0.00	0.00
82	138	220	-8.7	-4.6	-1682.24	-1.36	0.00	-3.43	-1687.03	23.99	0.00	0.00	0.00
82	139	221	-9.0	-4.4	-1686.75	-0.05	0.93	-3.38	-1689.25	29.84	0.00	0.00	0.00
82	140	222	-9.2	-4.3	-1691.14	0.37	0.00	-3.34	-1694.10	33.06	0.00	0.00	0.00
82	141	223	-9.4	-4.2	-1695.41	0.38	0.92	-3.29	-1697.40	37.83	0.00	0.00	0.00
82	142	224	-9.6	-4.1	-1699.57	0.65	0.00	-3.25	-1702.17	41.14	0.00	0.00	0.00
82	143	225	-9.8	-4.0	-1703.62	0.72	0.92	-3.20	-1705.18	46.19	0.00	0.00	0.00
82	144	226	-10.0	-3.9	-1707.56	0.82	0.00	-3.16	-1709.90	49.55	0.00	0.00	0.00
82	145	227	-10.2	-3.8	-1711.39	0.64	0.91	-3.12	-1712.95	54.57	0.00	0.00	0.00
82	146	228	-10.4	-3.7	-1715.11	0.76	0.00	-3.08	-1717.43	58.16	0.00	0.00	0.00
82	147	229	-10.6	-3.6	-1718.73	0.46	0.91	-3.04	-1720.39	63.27	0.00	0.00	0.00
82	148	230	-10.7	-3.5	-1722.24	0.55	0.00	-3.00	-1724.69	67.05	0.00	0.00	0.00
82	149	231	-10.9	-3.4	-1725.65	0.22	0.91	-2.96	-1727.48	72.32	0.00	0.00	0.00
82	150	232	-11.1	-3.3	-1728.96	0.30	0.00	-2.92	-1731.58	76.30	0.00	0.00	0.00
82	151	233	-11.3	-3.2	-1732.17	-0.04	0.90	-2.88	-1734.19	81.76	0.00	0.00	0.00
82	152	234	-11.5	-3.1	-1735.28	0.12	0.00	-2.85	-1738.01	86.02	0.00	0.00	0.00
82	153	235	-11.7	-3.0	-1738.29	0.09	0.90	-2.81	-1740.12	91.98	0.00	0.00	0.00
82	154	236	-11.9	-2.9	-1741.21	0.32	0.00	-2.78	-1743.67	96.50	0.00	0.00	0.00
82	155	237	-12.1	-2.8	-1744.03	0.21	0.89	-2.74	-1745.67	102.56	0.00	0.00	0.00
82	156	238	-12.2	-2.7	-1746.76	0.36	0.00	-2.71	-1749.11	107.19	0.00	0.00	0.00
82	157	239	-12.4	-2.6	-1749.40	0.09	0.89	-2.68	-1751.10	113.28	0.00	0.00	0.00
82	158	240	-12.6	-2.5	-1751.95	0.07	0.00	-2.64	-1754.53	117.92	0.00	0.00	0.00
82	159	241	-12.8	-2.4	-1754.41	-0.35	0.89	-2.61	-1756.49	124.03	0.00	0.00	0.00
82	160	242	-12.9	-2.3	-1756.78	0.91	0.00	-2.58	-1758.45	130.14	0.00	0.00	0.00
82	161	243	-13.1	-2.2	-1759.07	0.52	0.88	-2.55	-1760.22	136.45	0.00	0.00	0.00
82	162	244	-13.3	-2.2	-1761.26	0.16	0.00	-2.52	-1763.63	141.11	0.00	0.00	0.00
82	163	245	-13.5	-2.1	-1763.38	-0.26	0.88	-2.49	-1765.26	147.55	0.00	0.00	0.00
82	164	246	-13.6	-2.0	-1765.41	-0.81	0.00	-2.47	-1768.69	152.19	0.00	0.00	0.00
82	165	247	-13.8	-1.9	-1767.36	-1.08	0.88	-2.44	-1770.00	158.95	0.00	0.00	0.00
82	166	248	-14.0	-1.8	-1769.23	-1.39	0.00	-2.41	-1773.03	163.99	0.00	0.00	0.00
82	167	249	-14.1	-1.7	-1771.02	-2.06	0.87	-2.38	-1774.59	170.50	0.00	0.00	0.00
82	168	250	-14.3	-1.7	-1772.73	-2.51	0.00	-2.36	-1777.60	175.57	0.00	0.00	0.00
82	169	251	-14.4	-1.6	-1774.36	-3.08	0.87	-2.33	-1778.91	182.33	0.00	0.00	0.00
82	170	252	-14.6	-1.5	-1775.92	-3.47	0.00	-2.31	-1781.70	187.61	0.00	0.00	0.00
82	171	253	-14.8	-1.4	-1777.40	-4.08	0.86	-2.28	-1782.90	194.48	0.00	0.00	0.00
82	172	254	-14.9	-1.4	-1778.81	-4.43	0.00	-2.26	-1785.50	199.95	0.00	0.00	0.00
82	173	255	-15.1	-1.3	-1780.14	-5.06	0.86	-2.23	-1786.58	206.94	0.00	0.00	0.00
82	174	256	-15.2	-1.2	-1781.41	-5.42	0.00	-2.21	-1789.04	212.55	0.00	0.00	0.00
82	175	257	-15.4	-1.2	-1782.60	-6.13	0.86	-2.19	-1790.06	219.60	0.00	0.00	0.00
82	176	258	-15.5	-1.1	-1783.72	-6.60	0.00	-2.16	-1792.49	225.25	0.00	0.00	0.00
82	177	259	-15.7	-1.0	-1784.77	-7.47	0.85	-2.14	-1793.53	232.27	0.00	0.00	0.00
82	178	260	-15.8	-0.9	-1785.76	-7.93	0.00	-2.12	-1795.81	238.07	0.00	0.00	0.00
82	179	261	-16.0	-0.9	-1786.68	-8.73	0.85	-2.10	-1796.66	245.29	0.00	0.00	0.00
82	180	262	-16.1	-0.8	-1787.53	-8.95	0.00	-2.08	-1798.56	251.46	0.00	0.00	0.00
82	181	263	-16.3	-0.8	-1788.32	-9.66	0.85	-2.06	-1799.19	258.90	0.00	0.00	0.00
82	182	264	-16.4	-0.7	-1789.04	-9.79	0.00	-2.04	-1800.87	265.29	0.00	0.00	0.00
82	183	265	-16.6	-0.6	-1789.71	-10.24	0.85	-2.02	-1801.12	273.12	0.00	0.00	0.00

82	184	266-16.7	-0.6-1790.31	-10.01	0.00	-2.00-1802.32	279.99	0.00	0.00	0.00
82	185	267-16.8	-0.5-1790.85	-9.18	0.84	-1.98-1801.16	289.22	0.00	0.00	0.00
82	186	268-17.0	-0.4-1791.32	-8.47	0.00	-1.96-1801.75	296.70	0.00	0.00	0.00
82	187	269-17.1	-0.4-1791.75	-7.45	0.84	-1.94-1800.30	306.22	0.00	0.00	0.00
82	188	270-17.2	-0.3-1792.11	-6.57	0.00	-1.92-1800.60	313.99	0.00	0.00	0.00
82	189	271-17.4	-0.3-1792.41	-6.06	0.84	-1.90-1799.54	323.12	0.00	0.00	0.00
82	190	272-17.5	-0.2-1792.66	-5.42	0.00	-1.89-1799.97	330.77	0.00	0.00	0.00
82	191	273-17.6	-0.2-1792.86	-5.19	0.83	-1.87-1799.08	339.72	0.00	0.00	0.00
83	95	178	2.1-12.0-1347.28	0.62	1.94	-7.53-1352.25	18.98	0.00	0.00	0.00
83	96	179	1.9-11.7-1359.13	1.02	1.10	-7.37-1364.38	14.92	0.00	0.00	0.00
83	97	180	1.6-11.5-1370.75	1.40	1.94	-7.21-1374.63	12.74	0.00	0.00	0.00
83	98	181	1.3-11.3-1382.16	1.84	1.10	-7.06-1386.28	9.16	0.00	0.00	0.00
83	99	182	1.0-11.1-1393.35	1.85	1.93	-6.91-1396.48	7.03	0.00	0.00	0.00
83	100	183	0.8-10.9-1404.32	2.03	1.10	-6.77-1407.96	3.62	0.00	0.00	0.00
83	101	184	0.5-10.7-1415.09	2.12	1.93	-6.63-1417.67	1.98	0.00	0.00	0.00
83	102	185	0.2-10.5-1425.65	1.96	1.10	-6.50-1429.08	-1.36	0.00	0.00	0.00
83	103	186	0.0-10.2-1436.00	1.92	1.92	-6.37-1438.53	-2.73	0.00	0.00	0.00
83	104	187	-0.3-10.1-1446.16	1.69	1.10	-6.24-1449.61	-5.74	0.00	0.00	0.00
83	105	188	-0.5-9.9-1456.11	1.56	1.92	-6.12-1458.75	-6.81	0.00	0.00	0.00
83	106	189	-0.8-9.7-1465.87	1.24	1.10	-6.00-1469.53	-9.52	0.00	0.00	0.00
83	107	190	-1.1-9.5-1475.44	0.96	1.91	-5.88-1478.45	-10.37	0.00	0.00	0.00
83	108	191	-1.3-9.3-1484.82	0.53	1.10	-5.77-1488.96	-12.81	0.00	0.00	0.00
83	109	192	-1.6-9.1-1494.01	0.17	1.91	-5.66-1497.60	-13.38	0.00	0.00	0.00
83	110	193	-1.8-8.9-1503.02	-0.39	1.10	-5.56-1507.87	-15.57	0.00	0.00	0.00
83	111	194	-2.1-8.7-1511.85	-0.82	1.90	-5.45-1516.22	-15.86	0.00	0.00	0.00
83	112	195	-2.3-8.6-1520.50	-1.49	1.10	-5.35-1526.25	-17.81	0.00	0.00	0.00
83	113	196	-2.6-8.4-1528.98	-1.98	1.90	-5.26-1534.32	-17.81	-17.96	-2.13	-0.15
83	114	197	-2.8-8.2-1537.28	-2.76	1.10	-5.16-1544.10	-19.52	-19.64	-2.88	-0.12
83	115	198	-3.1-8.0-1545.41	-3.42	1.89	-5.07-1552.01	-19.36	-19.54	-3.60	-0.18
83	116	199	-3.3-7.9-1553.38	-4.24	1.10	-4.98-1561.50	-20.78	-20.92	-4.38	-0.14
83	117	200	-3.6-7.7-1561.18	-4.94	1.89	-4.90-1569.12	-20.33	-20.40	-5.01	-0.07
83	118	201	-3.8-7.6-1568.81	-5.75	1.10	-4.81-1578.27	-21.41	-21.47	-5.81	-0.06
83	119	202	-4.0-7.4-1576.29	-6.57	1.88	-4.73-1585.70	-20.77	-20.81	-6.61	-0.04
83	120	203	-4.3-7.2-1583.61	-7.39	1.10	-4.65-1594.55	-21.54	-21.58	-7.43	-0.04
83	121	204	-4.5-7.1-1590.77	-8.28	1.88	-4.57-1601.74	-20.66	-20.73	-8.35	-0.07
83	122	205	-4.7-6.9-1597.78	-9.08	1.10	-4.50-1610.25	-21.10	-21.08	-9.06	0.02
83	123	206	-5.0-6.8-1604.63	-9.99	1.88	-4.42-1617.17	-19.95	-20.05-10.09	-0.10	
83	124	207	-5.2-6.6-1611.34	-10.77	1.10	-4.35-1625.36	-20.07	-20.08-10.78	-0.01	
83	125	208	-5.4-6.5-1617.90	-11.70	1.87	-4.28-1632.01	-18.65	-18.89-11.94	-0.24	
83	126	209	-5.7-6.3-1624.32	-11.95	1.10	-4.21-1639.38	-17.95	-18.28-12.28	-0.33	
83	127	210	-5.9-6.2-1630.59	-11.07	1.87	-4.15-1643.94	-14.43	-14.81-11.45	-0.38	
83	128	211	-6.1-6.1-1636.73	-9.99	1.10	-4.08-1649.70	-12.12	-11.87-9.74	0.25	
83	129	212	-6.3-5.9-1642.72	-8.77	1.86	-4.02-1653.65	-8.00	-8.14-8.91	-0.14	
83	130	213	-6.6-5.8-1648.58	-7.64	1.10	-3.96-1659.08	-5.36	-5.24-7.52	0.12	
83	131	214	-6.8-5.7-1654.30	-6.37	1.86	-3.90-1662.71	-0.92	-1.22-6.67	-0.30	
83	132	215	-7.0-5.5-1659.89	-5.41	1.10	-3.84-1668.04	1.82	1.71-5.52	-0.11	
83	133	216	-7.2-5.4-1665.35	-4.51	1.86	-3.78-1671.79	6.15	0.00	0.00	0.00
83	134	217	-7.4-5.3-1670.68	-3.70	1.10	-3.73-1677.01	9.00	0.00	0.00	0.00
83	135	218	-7.6-5.1-1675.89	-2.99	1.85	-3.67-1680.70	13.38	0.00	0.00	0.00
83	136	219	-7.9-5.0-1680.97	-2.15	1.10	-3.62-1685.63	16.52	0.00	0.00	0.00
83	137	220	-8.1-4.9-1685.92	-1.52	1.85	-3.57-1689.16	21.06	0.00	0.00	0.00
83	138	221	-8.3-4.8-1690.75	-0.90	1.10	-3.52-1694.07	24.22	0.00	0.00	0.00
83	139	222	-8.5-4.7-1695.47	-0.35	1.85	-3.47-1697.44	28.93	0.00	0.00	0.00
83	140	223	-8.7-4.5-1700.06	0.05	1.10	-3.42-1702.33	32.11	0.00	0.00	0.00
83	141	224	-8.9-4.4-1704.54	0.10	1.84	-3.37-1705.97	36.54	0.00	0.00	0.00
83	142	225	-9.1-4.3-1708.90	0.51	1.10	-3.32-1710.62	39.96	0.00	0.00	0.00
83	143	226	-9.3-4.2-1713.15	0.51	1.84	-3.28-1714.08	44.57	0.00	0.00	0.00
83	144	227	-9.5-4.1-1717.29	0.64	1.10	-3.23-1718.79	47.94	0.00	0.00	0.00
83	145	228	-9.7-4.0-1721.32	0.47	1.84	-3.19-1722.20	52.59	0.00	0.00	0.00
83	146	229	-9.9-3.9-1725.24	0.64	1.10	-3.15-1726.64	56.22	0.00	0.00	0.00
83	147	230-10.1	-3.8-1729.05	0.36	1.83	-3.11-1729.96	60.97	0.00	0.00	0.00
83	148	231-10.3	-3.6-1732.75	0.46	1.10	-3.07-1734.26	64.75	0.00	0.00	0.00
83	149	232-10.5	-3.5-1736.36	0.15	1.83	-3.03-1737.40	69.68	0.00	0.00	0.00
83	150	233-10.7	-3.4-1739.85	0.26	1.10	-2.99-1741.48	73.67	0.00	0.00	0.00
83	151	234-10.8	-3.3-1743.25	-0.03	1.83	-2.95-1744.40	78.82	0.00	0.00	0.00
83	152	235-11.0	-3.2-1746.55	0.11	1.10	-2.91-1748.25	83.04	0.00	0.00	0.00

83	153	236-11.2	-3.1-1749.75	0.11	1.83	-2.88-1750.69	88.67	0.00	0.00	0.00
83	154	237-11.4	-3.0-1752.85	0.35	1.10	-2.84-1754.24	93.20	0.00	0.00	0.00
83	155	238-11.6	-3.0-1755.86	0.28	1.82	-2.81-1756.56	98.95	0.00	0.00	0.00
83	156	239-11.8	-2.9-1758.77	0.41	1.10	-2.77-1760.03	103.55	0.00	0.00	0.00
83	157	240-11.9	-2.8-1761.59	0.18	1.82	-2.74-1762.33	109.32	0.00	0.00	0.00
83	158	241-12.1	-2.7-1764.31	0.18	1.10	-2.71-1765.74	113.99	0.00	0.00	0.00
83	159	242-12.3	-2.6-1766.95	-0.21	1.82	-2.67-1768.01	119.78	0.00	0.00	0.00
83	160	243-12.5	-2.5-1769.49	1.05	1.10	-2.64-1769.99	125.88	0.00	0.00	0.00
83	161	244-12.7	-2.4-1771.95	0.77	1.81	-2.61-1771.98	131.96	0.00	0.00	0.00
83	162	245-12.8	-2.3-1774.32	0.41	1.10	-2.58-1775.39	136.61	0.00	0.00	0.00
83	163	246-13.0	-2.2-1776.61	-0.04	1.81	-2.55-1777.39	142.69	0.00	0.00	0.00
83	164	247-13.2	-2.2-1778.81	-0.33	1.10	-2.52-1780.56	147.59	0.00	0.00	0.00
83	165	248-13.3	-2.1-1780.93	-0.89	1.81	-2.49-1782.51	153.72	0.00	0.00	0.00
83	166	249-13.5	-2.0-1782.96	-1.15	1.10	-2.47-1785.48	158.81	0.00	0.00	0.00
83	167	250-13.7	-1.9-1784.92	-1.87	1.81	-2.44-1787.42	164.94	0.00	0.00	0.00
83	168	251-13.8	-1.8-1786.79	-2.27	1.10	-2.41-1790.37	170.06	0.00	0.00	0.00
83	169	252-14.0	-1.8-1788.59	-2.83	1.80	-2.39-1792.00	176.51	0.00	0.00	0.00
83	170	253-14.2	-1.7-1790.31	-3.14	1.10	-2.36-1794.71	181.87	0.00	0.00	0.00
83	171	254-14.3	-1.6-1791.95	-3.76	1.80	-2.33-1796.24	188.41	0.00	0.00	0.00
83	172	255-14.5	-1.5-1793.51	-4.16	1.10	-2.31-1798.88	193.84	0.00	0.00	0.00
83	173	256-14.6	-1.5-1795.01	-4.75	1.80	-2.28-1800.24	200.55	0.00	0.00	0.00
83	174	257-14.8	-1.4-1796.43	-5.09	1.10	-2.26-1802.67	206.19	0.00	0.00	0.00
83	175	258-14.9	-1.3-1797.77	-5.78	1.80	-2.24-1803.99	212.95	0.00	0.00	0.00
83	176	259-15.1	-1.2-1799.05	-6.40	1.10	-2.21-1806.56	218.45	0.00	0.00	0.00
83	177	260-15.3	-1.2-1800.25	-7.02	1.79	-2.19-1807.67	225.41	0.00	0.00	0.00
83	178	261-15.4	-1.1-1801.39	-7.36	1.10	-2.17-1809.81	231.34	0.00	0.00	0.00
83	179	262-15.6	-1.0-1802.45	-8.22	1.79	-2.15-1811.03	238.19	0.00	0.00	0.00
83	180	263-15.7	-1.0-1803.45	-8.48	1.10	-2.12-1812.96	244.34	0.00	0.00	0.00
83	181	264-15.8	-0.9-1804.38	-9.11	1.79	-2.10-1813.81	251.56	0.00	0.00	0.00
83	182	265-16.0	-0.8-1805.25	-9.23	1.10	-2.08-1815.47	257.97	0.00	0.00	0.00
83	183	266-16.1	-0.8-1806.06	-9.67	1.79	-2.06-1816.00	265.51	0.00	0.00	0.00
83	184	267-16.3	-0.7-1806.80	-9.40	1.10	-2.04-1817.14	272.44	0.00	0.00	0.00
83	185	268-16.4	-0.6-1807.47	-8.56	1.78	-2.02-1816.27	281.38	0.00	0.00	0.00
83	186	269-16.6	-0.6-1808.09	-7.86	1.10	-2.00-1816.85	288.87	0.00	0.00	0.00
83	187	270-16.7	-0.5-1808.65	-6.82	1.78	-1.98-1815.67	298.12	0.00	0.00	0.00
83	188	271-16.8	-0.5-1809.15	-5.98	1.10	-1.96-1815.99	305.88	0.00	0.00	0.00
83	189	272-17.0	-0.4-1809.58	-5.45	1.78	-1.95-1815.20	314.74	0.00	0.00	0.00
83	190	273-17.1	-0.3-1809.96	-4.78	1.10	-1.93-1815.57	322.44	0.00	0.00	0.00
83	191	274-17.2	-0.3-1810.29	-4.57	1.78	-1.91-1814.99	331.09	0.00	0.00	0.00
83	192	275-17.4	-0.2-1810.56	-3.90	1.10	-1.89-1815.25	338.90	0.00	0.00	0.00
83	193	276-17.5	-0.2-1810.77	-1.24	1.78	-1.88-1812.11	350.11	0.00	0.00	0.00
84	97	181	2.0-11.8-1368.94	1.43	1.04	-7.40-1373.86	20.78	0.00	0.00	0.00
84	98	182	1.8-11.6-1380.61	1.40	0.00	-7.24-1386.45	16.26	0.00	0.00	0.00
84	99	183	1.5-11.3-1392.07	1.28	1.04	-7.09-1396.84	13.94	0.00	0.00	0.00
84	100	184	1.2-11.1-1403.32	1.21	0.00	-6.94-1409.05	9.80	0.00	0.00	0.00
84	101	185	1.0-10.9-1414.35	1.07	1.03	-6.80-1419.05	7.88	0.00	0.00	0.00
84	102	186	0.7-10.7-1425.18	1.12	0.00	-6.66-1430.72	4.28	0.00	0.00	0.00
84	103	187	0.4-10.5-1435.80	1.09	1.02	-6.53-1440.21	2.86	0.00	0.00	0.00
84	104	188	0.2-10.3-1446.21	1.32	0.00	-6.40-1451.29	-0.15	0.00	0.00	0.00
84	105	189	-0.1-10.1-1456.43	1.42	1.02	-6.27-1460.26	-1.05	0.00	0.00	0.00
84	106	190	-0.3-9.9-1466.45	1.48	0.00	-6.15-1471.12	-3.84	0.00	0.00	0.00
84	107	191	-0.6-9.7-1476.28	1.47	1.01	-6.03-1479.83	-4.47	0.00	0.00	0.00
84	108	192	-0.9-9.5-1485.91	0.92	0.00	-5.92-1490.91	-7.48	0.00	0.00	0.00
84	109	193	-1.1-9.4-1495.36	0.65	1.00	-5.80-1499.51	-8.01	0.00	0.00	0.00
84	110	194	-1.4-9.2-1504.62	0.45	0.00	-5.70-1509.87	-10.30	0.00	0.00	0.00
84	111	195	-1.6-9.0-1513.70	0.00	1.00	-5.59-1518.30	-10.66	0.00	0.00	0.00
84	112	196	-1.9-8.8-1522.61	-0.50	0.00	-5.49-1528.59	-12.88	0.00	0.00	0.00
84	113	197	-2.1-8.6-1531.33	-1.10	0.99	-5.39-1536.82	-13.04	0.00	0.00	0.00
84	114	198	-2.4-8.5-1539.88	-1.73	0.00	-5.29-1546.90	-15.05	0.00	0.00	0.00
84	115	199	-2.6-8.3-1548.26	-2.31	0.99	-5.20-1554.78	-14.85	0.00	0.00	0.00
84	116	200	-2.8-8.1-1556.46	-3.15	0.00	-5.11-1564.72	-16.73	0.00	0.00	0.00
84	117	201	-3.1-8.0-1564.51	-3.80	0.98	-5.02-1572.34	-16.27	0.00	0.00	0.00
84	118	202	-3.3-7.8-1572.38	-4.64	0.00	-4.93-1581.95	-17.81	0.00	0.00	0.00
84	119	203	-3.6-7.6-1580.10	-5.43	0.98	-4.85-1589.40	-17.19	-17.35	-5.59	-0.16
84	120	204	-3.8-7.5-1587.65	-6.26	0.00	-4.77-1598.68	-18.40	0.00	0.00	0.00
84	121	205	-4.0-7.3-1595.05	-7.13	0.97	-4.69-1605.89	-17.54	-17.55	-7.14	-0.01

84	122	206	-4.3	-7.2	-1602.29	-8.07	0.00	-4.61	-1614.97	-18.54	-18.20	-7.73	0.34
84	123	207	-4.5	-7.0	-1609.38	-9.01	0.97	-4.53	-1621.96	-17.46	-17.17	-8.72	0.29
84	124	208	-4.7	-6.9	-1616.32	-9.80	0.00	-4.46	-1630.58	-18.01	-17.49	-9.28	0.52
84	125	209	-5.0	-6.7	-1623.11	-10.70	0.96	-4.39	-1637.24	-16.60	-16.39	-10.49	0.21
84	126	210	-5.2	-6.6	-1629.75	-10.84	0.00	-4.32	-1644.91	-16.20	-15.98	-10.62	0.22
84	127	211	-5.4	-6.4	-1636.25	-9.99	0.95	-4.25	-1649.54	-12.76	-12.46	-9.69	0.30
84	128	212	-5.6	-6.3	-1642.61	-8.97	0.00	-4.18	-1655.76	-10.91	-10.39	-8.45	0.52
84	129	213	-5.9	-6.1	-1648.83	-7.72	0.95	-4.12	-1659.72	-6.79	-6.68	-7.61	0.11
84	130	214	-6.1	-6.0	-1654.91	-6.57	0.00	-4.05	-1665.53	-4.54	-4.49	-6.52	0.05
84	131	215	-6.3	-5.9	-1660.85	-5.40	0.95	-3.99	-1669.30	-0.23	-0.54	-5.71	-0.31
84	132	216	-6.5	-5.7	-1666.66	-4.46	0.00	-3.93	-1675.05	2.09	1.76	-4.79	-0.33
84	133	217	-6.7	-5.6	-1672.34	-3.82	0.94	-3.87	-1679.09	6.12	0.00	0.00	0.00
84	134	218	-7.0	-5.5	-1677.88	-3.05	0.00	-3.82	-1684.75	8.53	8.35	-3.23	-0.18
84	135	219	-7.2	-5.3	-1683.30	-2.19	0.94	-3.76	-1688.31	13.04	0.00	0.00	0.00
84	136	220	-7.4	-5.2	-1688.59	-1.41	0.00	-3.71	-1693.70	15.72	0.00	0.00	0.00
84	137	221	-7.6	-5.1	-1693.75	-0.86	0.93	-3.65	-1697.34	20.16	0.00	0.00	0.00
84	138	222	-7.8	-5.0	-1698.80	-0.26	0.00	-3.60	-1702.66	22.91	0.00	0.00	0.00
84	139	223	-8.0	-4.9	-1703.72	-0.11	0.93	-3.55	-1706.45	27.19	0.00	0.00	0.00
84	140	224	-8.2	-4.7	-1708.52	0.29	0.00	-3.50	-1711.73	29.98	0.00	0.00	0.00
84	141	225	-8.4	-4.6	-1713.20	0.28	0.92	-3.45	-1715.45	34.33	0.00	0.00	0.00
84	142	226	-8.6	-4.5	-1717.77	0.63	0.00	-3.40	-1720.54	37.31	0.00	0.00	0.00
84	143	227	-8.8	-4.4	-1722.22	0.58	0.92	-3.36	-1724.07	41.85	0.00	0.00	0.00
84	144	228	-9.0	-4.3	-1726.55	0.71	0.00	-3.31	-1729.15	44.84	0.00	0.00	0.00
84	145	229	-9.2	-4.2	-1730.78	0.53	0.91	-3.27	-1732.60	49.47	0.00	0.00	0.00
84	146	230	-9.4	-4.1	-1734.89	0.69	0.00	-3.22	-1737.43	52.71	0.00	0.00	0.00
84	147	231	-9.6	-3.9	-1738.90	0.35	0.91	-3.18	-1740.82	57.39	0.00	0.00	0.00
84	148	232	-9.8	-3.8	-1742.80	0.47	0.00	-3.14	-1745.47	60.81	0.00	0.00	0.00
84	149	233	-10.0	-3.7	-1746.59	0.18	0.91	-3.10	-1748.61	65.75	0.00	0.00	0.00
84	150	234	-10.2	-3.6	-1750.28	0.30	0.00	-3.06	-1753.04	69.38	0.00	0.00	0.00
84	151	235	-10.4	-3.5	-1753.87	-0.02	0.90	-3.02	-1756.01	74.49	0.00	0.00	0.00
84	152	236	-10.6	-3.4	-1757.36	0.18	0.00	-2.98	-1760.16	78.41	0.00	0.00	0.00
84	153	237	-10.8	-3.3	-1760.74	0.19	0.90	-2.94	-1762.60	84.04	0.00	0.00	0.00
84	154	238	-10.9	-3.2	-1764.03	0.49	0.00	-2.91	-1766.44	88.27	0.00	0.00	0.00
84	155	239	-11.1	-3.1	-1767.22	0.45	0.89	-2.87	-1768.74	94.04	0.00	0.00	0.00
84	156	240	-11.3	-3.0	-1770.31	0.66	0.00	-2.84	-1772.49	98.37	0.00	0.00	0.00
84	157	241	-11.5	-2.9	-1773.31	0.47	0.89	-2.80	-1774.75	104.17	0.00	0.00	0.00
84	158	242	-11.7	-2.9	-1776.21	0.52	0.00	-2.77	-1778.46	108.53	0.00	0.00	0.00
84	159	243	-11.8	-2.8	-1779.03	0.14	0.89	-2.74	-1780.74	114.33	0.00	0.00	0.00
84	160	244	-12.0	-2.7	-1781.75	0.05	0.00	-2.70	-1784.40	118.73	0.00	0.00	0.00
84	161	245	-12.2	-2.6	-1784.38	-0.39	0.88	-2.67	-1786.56	124.65	0.00	0.00	0.00
84	162	246	-12.4	-2.5	-1786.93	-0.43	0.00	-2.64	-1790.00	129.28	0.00	0.00	0.00
84	163	247	-12.5	-2.4	-1789.39	0.53	0.88	-2.61	-1790.59	136.77	0.00	0.00	0.00
84	164	248	-12.7	-2.3	-1791.76	0.09	0.00	-2.58	-1794.25	141.18	0.00	0.00	0.00
84	165	249	-12.9	-2.2	-1794.04	-0.34	0.88	-2.55	-1796.06	147.44	0.00	0.00	0.00
84	166	250	-13.1	-2.2	-1796.25	-0.58	0.00	-2.52	-1799.35	152.22	0.00	0.00	0.00
84	167	251	-13.2	-2.1	-1798.37	-1.29	0.87	-2.49	-1801.28	158.36	0.00	0.00	0.00
84	168	252	-13.4	-2.0	-1800.41	-1.68	0.00	-2.47	-1804.56	163.15	0.00	0.00	0.00
84	169	253	-13.6	-1.9	-1802.37	-2.20	0.87	-2.44	-1806.14	169.64	0.00	0.00	0.00
84	170	254	-13.7	-1.8	-1804.25	-2.52	0.00	-2.41	-1809.18	174.67	0.00	0.00	0.00
84	171	255	-13.9	-1.8	-1806.05	-3.12	0.86	-2.39	-1810.69	181.23	0.00	0.00	0.00
84	172	256	-14.0	-1.7	-1807.78	-4.10	0.00	-2.36	-1814.24	185.76	0.00	0.00	0.00
84	173	257	-14.2	-1.6	-1809.43	-4.08	0.86	-2.34	-1814.98	193.09	0.00	0.00	0.00
84	174	258	-14.4	-1.5	-1811.00	-4.40	0.00	-2.31	-1817.71	198.43	0.00	0.00	0.00
84	175	259	-14.5	-1.5	-1812.50	-5.15	0.86	-2.29	-1819.08	205.13	0.00	0.00	0.00
84	176	260	-14.7	-1.4	-1813.93	-5.63	0.00	-2.26	-1821.82	210.46	0.00	0.00	0.00
84	177	261	-14.8	-1.3	-1815.29	-6.27	0.85	-2.24	-1822.94	217.41	0.00	0.00	0.00
84	178	262	-15.0	-1.2	-1816.57	-6.59	0.00	-2.22	-1825.38	223.04	0.00	0.00	0.00
84	179	263	-15.1	-1.2	-1817.79	-7.43	0.85	-2.19	-1826.56	229.93	0.00	0.00	0.00
84	180	264	-15.3	-1.1	-1818.94	-7.75	0.00	-2.17	-1828.86	235.71	0.00	0.00	0.00
84	181	265	-15.4	-1.0	-1820.02	-8.35	0.85	-2.15	-1829.67	242.97	0.00	0.00	0.00
84	182	266	-15.6	-1.0	-1821.03	-8.45	0.00	-2.13	-1831.61	249.10	0.00	0.00	0.00
84	183	267	-15.7	-0.9	-1821.98	-8.89	0.85	-2.11	-1832.13	256.65	0.00	0.00	0.00
84	184	268	-15.9	-0.8	-1822.86	-8.61	0.00	-2.09	-1833.56	263.29	0.00	0.00	0.00
84	185	269	-16.0	-0.8	-1823.68	-7.76	0.84	-2.07	-1832.67	272.26	0.00	0.00	0.00
84	186	270	-16.1	-0.7	-1824.44	-7.06	0.00	-2.05	-1833.55	279.45	0.00	0.00	0.00
84	187	271	-16.3	-0.7	-1825.13	-6.13	0.84	-2.03	-1832.45	288.62	0.00	0.00	0.00

84	188	272-16.4	-0.6-1825.77	-5.26	0.00	-2.01-1833.03	296.10	0.00	0.00	0.00
84	189	273-16.5	-0.5-1826.34	-4.88	0.84	-1.99-1832.37	304.84	0.00	0.00	0.00
84	190	274-16.7	-0.5-1826.86	-4.23	0.00	-1.97-1833.05	312.23	0.00	0.00	0.00
84	191	275-16.8	-0.4-1827.31	-4.06	0.83	-1.95-1832.49	320.86	0.00	0.00	0.00
84	192	276-16.9	-0.4-1827.71	-1.00	0.00	-1.93-1830.64	330.78	0.00	0.00	0.00
84	193	277-17.1	-0.3-1828.05	-1.25	0.83	-1.92-1830.39	339.11	0.00	0.00	0.00
84	194	278-17.2	-0.3-1828.34	-1.15	0.00	-1.90-1831.39	346.18	0.00	0.00	0.00
84	195	279-17.3	-0.2-1828.58	-1.21	0.83	-1.88-1830.84	354.80	0.00	0.00	0.00
85	99	184	2.0-11.6-1390.34	1.03	1.93	-7.26-1394.65	23.40	0.00	0.00	0.00
85	100	185	1.7-11.4-1401.86	0.83	1.09	-7.11-1407.05	19.08	0.00	0.00	0.00
85	101	186	1.4-11.2-1413.15	0.72	1.92	-6.97-1417.48	16.71	0.00	0.00	0.00
85	102	187	1.2-11.0-1424.24	0.78	1.09	-6.83-1429.20	13.07	0.00	0.00	0.00
85	103	188	0.9-10.8-1435.13	0.87	1.91	-6.69-1439.03	11.31	0.00	0.00	0.00
85	104	189	0.6-10.6-1445.81	1.00	1.09	-6.56-1450.27	8.14	0.00	0.00	0.00
85	105	190	0.4-10.4-1456.28	1.15	1.91	-6.43-1459.65	6.83	0.00	0.00	0.00
85	106	191	0.1-10.2-1466.56	1.49	1.09	-6.30-1470.28	4.27	0.00	0.00	0.00
85	107	192	-0.1-10.0-1476.65	1.24	1.90	-6.18-1479.68	2.94	0.00	0.00	0.00
85	108	193	-0.4-9.8-1486.54	0.99	1.09	-6.06-1490.52	0.18	0.00	0.00	0.00
85	109	194	-0.6-9.6-1496.24	0.73	1.90	-5.95-1499.56	-0.79	0.00	0.00	0.00
85	110	195	-0.9-9.4-1505.76	0.50	1.09	-5.84-1510.00	-3.16	0.00	0.00	0.00
85	111	196	-1.1-9.2-1515.09	0.32	1.89	-5.73-1518.60	-3.69	0.00	0.00	0.00
85	112	197	-1.4-9.1-1524.24	0.01	1.09	-5.62-1528.76	-5.78	0.00	0.00	0.00
85	113	198	-1.6-8.9-1533.21	-0.32	1.89	-5.52-1537.16	-6.11	0.00	0.00	0.00
85	114	199	-1.9-8.7-1542.01	-0.87	1.09	-5.42-1547.21	-8.08	0.00	0.00	0.00
85	115	200	-2.1-8.5-1550.63	-1.49	1.89	-5.33-1555.56	-8.36	-8.94	-2.07	-0.58
85	116	201	-2.4-8.4-1559.08	-2.14	1.09	-5.23-1565.36	-10.09	-10.74	-2.79	-0.65
85	117	202	-2.6-8.2-1567.36	-2.87	1.88	-5.14-1573.49	-10.15	-10.76	-3.48	-0.61
85	118	203	-2.9-8.0-1575.48	-3.59	1.09	-5.05-1583.03	-11.62	-12.29	-4.26	-0.67
85	119	204	-3.1-7.9-1583.43	-4.56	1.88	-4.97-1591.08	-11.60	-11.90	-4.86	-0.30
85	120	205	-3.3-7.7-1591.23	-5.07	1.09	-4.88-1600.09	-12.53	-13.03	-5.57	-0.50
85	121	206	-3.6-7.6-1598.86	-6.21	1.87	-4.80-1608.00	-12.37	-12.49	-6.33	-0.12
85	122	207	-3.8-7.4-1606.34	-6.94	1.09	-4.72-1616.90	-13.21	-13.28	-7.01	-0.07
85	123	208	-4.0-7.2-1613.66	-7.77	1.87	-4.64-1624.20	-12.43	-12.56	-7.90	-0.13
85	124	209	-4.3-7.1-1620.83	-8.52	1.09	-4.57-1632.82	-12.98	-12.90	-8.44	0.08
85	125	210	-4.5-6.9-1627.85	-9.44	1.86	-4.49-1639.91	-12.00	-11.99	-9.43	0.01
85	126	211	-4.7-6.8-1634.72	-9.58	1.09	-4.42-1647.63	-11.64	-11.67	-9.61	-0.03
85	127	212	-5.0-6.6-1641.44	-8.69	1.86	-4.35-1652.62	-8.57	-8.64	-8.76	-0.07
85	128	213	-5.2-6.5-1648.02	-7.76	1.09	-4.28-1658.98	-6.85	-6.60	-7.51	0.25
85	129	214	-5.4-6.4-1654.47	-6.52	1.86	-4.22-1663.35	-3.15	-3.40	-6.77	-0.25
85	130	215	-5.6-6.2-1660.77	-5.37	1.09	-4.15-1669.20	-0.93	-1.27	-5.71	-0.34
85	131	216	-5.8-6.1-1666.93	-4.26	1.85	-4.09-1673.42	2.92	2.23	-4.95	-0.69
85	132	217	-6.1-6.0-1672.96	-3.72	1.09	-4.03-1679.61	4.80	4.38	-4.14	-0.42
85	133	218	-6.3-5.8-1678.85	-3.21	1.85	-3.97-1684.17	8.31	8.08	-3.44	-0.23
85	134	219	-6.5-5.7-1684.61	-2.41	1.09	-3.91-1689.83	10.72	10.53	-2.60	-0.19
85	135	220	-6.7-5.6-1690.24	-2.07	1.85	-3.85-1694.31	14.31	0.00	0.00	0.00
85	136	221	-6.9-5.4-1695.74	-1.43	1.09	-3.79-1699.87	16.82	0.00	0.00	0.00
85	137	222	-7.1-5.3-1701.12	-0.86	1.84	-3.74-1703.87	20.89	0.00	0.00	0.00
85	138	223	-7.3-5.2-1706.37	-0.29	1.09	-3.69-1709.25	23.59	0.00	0.00	0.00
85	139	224	-7.5-5.1-1711.50	-0.18	1.84	-3.63-1713.47	27.44	0.00	0.00	0.00
85	140	225	-7.8-4.9-1716.50	0.16	1.09	-3.58-1718.83	30.15	0.00	0.00	0.00
85	141	226	-8.0-4.8-1721.39	0.13	1.84	-3.53-1722.96	34.10	0.00	0.00	0.00
85	142	227	-8.2-4.7-1726.16	0.44	1.09	-3.48-1728.11	37.02	0.00	0.00	0.00
85	143	228	-8.4-4.6-1730.81	0.39	1.83	-3.44-1732.02	41.17	0.00	0.00	0.00
85	144	229	-8.6-4.5-1735.35	0.51	1.09	-3.39-1737.14	44.13	0.00	0.00	0.00
85	145	230	-8.8-4.4-1739.77	0.32	1.83	-3.34-1740.97	48.37	0.00	0.00	0.00
85	146	231	-9.0-4.3-1744.08	0.48	1.09	-3.30-1745.81	51.60	0.00	0.00	0.00
85	147	232	-9.2-4.1-1748.29	0.16	1.83	-3.25-1749.56	55.93	0.00	0.00	0.00
85	148	233	-9.3-4.0-1752.38	0.32	1.09	-3.21-1754.18	59.37	0.00	0.00	0.00
85	149	234	-9.5-3.9-1756.37	0.02	1.82	-3.17-1757.69	63.93	0.00	0.00	0.00
85	150	235	-9.7-3.8-1760.25	0.18	1.09	-3.13-1762.11	67.59	0.00	0.00	0.00
85	151	236	-9.9-3.7-1764.02	-0.13	1.82	-3.09-1765.42	72.34	0.00	0.00	0.00
85	152	237	-10.1-3.6-1767.70	-0.06	1.09	-3.05-1769.72	76.12	0.00	0.00	0.00
85	153	238	-10.3-3.5-1771.27	0.15	1.82	-3.01-1772.32	81.59	0.00	0.00	0.00
85	154	239	-10.5-3.4-1774.74	0.44	1.09	-2.97-1776.19	85.80	0.00	0.00	0.00
85	155	240	-10.7-3.3-1778.12	0.51	1.81	-2.94-1778.73	91.32	0.00	0.00	0.00
85	156	241	-10.9-3.2-1781.39	0.71	1.09	-2.90-1782.49	95.63	0.00	0.00	0.00

85	157	242-11.0	-3.1-1784.57	0.54	1.81	-2.87-1785.09	101.11	0.00	0.00	0.00
85	158	243-11.2	-3.0-1787.66	0.59	1.09	-2.83-1788.81	105.46	0.00	0.00	0.00
85	159	244-11.4	-2.9-1790.65	0.26	1.81	-2.80-1791.38	110.96	0.00	0.00	0.00
85	160	245-11.6	-2.8-1793.55	0.18	1.09	-2.76-1795.04	115.37	0.00	0.00	0.00
85	161	246-11.7	-2.8-1796.36	-0.21	1.81	-2.73-1797.50	120.99	0.00	0.00	0.00
85	162	247-11.9	-2.7-1799.08	-0.27	1.09	-2.70-1800.96	125.60	0.00	0.00	0.00
85	163	248-12.1	-2.6-1801.71	0.69	1.80	-2.67-1801.89	132.74	0.00	0.00	0.00
85	164	249-12.3	-2.5-1804.25	0.47	1.09	-2.64-1805.33	137.37	0.00	0.00	0.00
85	165	250-12.4	-2.4-1806.71	0.06	1.80	-2.61-1807.46	143.31	0.00	0.00	0.00
85	166	251-12.6	-2.3-1809.08	-0.22	1.09	-2.58-1810.79	148.05	0.00	0.00	0.00
85	167	252-12.8	-2.2-1811.37	-0.86	1.80	-2.55-1812.98	153.93	0.00	0.00	0.00
85	168	253-12.9	-2.2-1813.58	-1.30	1.09	-2.52-1816.31	158.68	0.00	0.00	0.00
85	169	254-13.1	-2.1-1815.70	-1.85	1.80	-2.49-1818.25	164.81	0.00	0.00	0.00
85	170	255-13.3	-2.0-1817.74	-2.12	1.09	-2.47-1821.24	169.89	0.00	0.00	0.00
85	171	256-13.4	-1.9-1819.71	-2.72	1.79	-2.44-1823.08	176.12	0.00	0.00	0.00
85	172	257-13.6	-1.8-1821.60	-3.91	1.09	-2.41-1826.83	180.44	0.00	0.00	0.00
85	173	258-13.8	-1.8-1823.40	-3.62	1.79	-2.39-1827.62	187.72	0.00	0.00	0.00
85	174	259-13.9	-1.7-1825.14	-3.94	1.09	-2.36-1830.35	193.06	0.00	0.00	0.00
85	175	260-14.1	-1.6-1826.80	-4.61	1.79	-2.34-1831.95	199.53	0.00	0.00	0.00
85	176	261-14.2	-1.5-1828.38	-5.14	1.09	-2.31-1834.74	204.81	0.00	0.00	0.00
85	177	262-14.4	-1.5-1829.89	-5.74	1.79	-2.29-1836.13	211.49	0.00	0.00	0.00
85	178	263-14.5	-1.4-1831.33	-6.05	1.09	-2.26-1838.55	217.15	0.00	0.00	0.00
85	179	264-14.7	-1.3-1832.70	-6.71	1.78	-2.24-1839.87	223.90	0.00	0.00	0.00
85	180	265-14.8	-1.3-1833.99	-6.99	1.09	-2.22-1842.11	229.73	0.00	0.00	0.00
85	181	266-15.0	-1.2-1835.22	-7.59	1.78	-2.20-1843.23	236.68	0.00	0.00	0.00
85	182	267-15.1	-1.1-1836.38	-7.66	1.09	-2.17-1845.13	242.86	0.00	0.00	0.00
85	183	268-15.3	-1.1-1837.48	-8.10	1.78	-2.15-1845.95	250.10	0.00	0.00	0.00
85	184	269-15.4	-1.0-1838.51	-7.79	1.09	-2.13-1847.33	256.79	0.00	0.00	0.00
85	185	270-15.6	-0.9-1839.47	-6.94	1.78	-2.11-1846.74	265.46	0.00	0.00	0.00
85	186	271-15.7	-0.9-1840.36	-6.28	1.09	-2.09-1847.64	272.63	0.00	0.00	0.00
85	187	272-15.9	-0.8-1841.20	-5.26	1.77	-2.07-1846.75	281.59	0.00	0.00	0.00
85	188	273-16.0	-0.7-1841.97	-4.42	1.09	-2.05-1847.35	289.06	0.00	0.00	0.00
85	189	274-16.1	-0.7-1842.68	-3.92	1.77	-2.03-1846.86	297.62	0.00	0.00	0.00
85	190	275-16.3	-0.6-1843.33	-3.41	1.09	-2.01-1847.66	304.89	0.00	0.00	0.00
85	191	276-16.4	-0.6-1843.92	-1.33	1.77	-1.99-1845.47	315.15	0.00	0.00	0.00
85	192	277-16.5	-0.5-1844.45	-1.19	1.09	-1.97-1846.53	322.17	0.00	0.00	0.00
85	193	278-16.7	-0.4-1844.93	-1.41	1.77	-1.96-1846.53	330.24	0.00	0.00	0.00
85	194	279-16.8	-0.4-1845.34	-1.31	1.09	-1.94-1847.50	337.34	0.00	0.00	0.00
85	195	280-16.9	-0.3-1845.70	-1.59	1.77	-1.92-1847.45	345.46	0.00	0.00	0.00
85	196	281-17.1	-0.3-1846.01	-1.31	1.09	-1.90-1848.13	352.85	0.00	0.00	0.00
85	197	282-17.2	-0.2-1846.26	-1.54	1.76	-1.89-1847.93	361.13	0.00	0.00	0.00
86	100	186	2.1-11.7-1399.94	0.59	0.00	-7.29-1406.64	26.76	0.00	0.00	0.00
86	101	187	1.9-11.5-1411.50	0.47	1.03	-7.14-1417.14	24.33	0.00	0.00	0.00
86	102	188	1.6-11.2-1422.86	0.56	0.00	-6.99-1429.29	20.25	0.00	0.00	0.00
86	103	189	1.4-11.0-1434.00	0.59	1.02	-6.85-1439.24	18.37	0.00	0.00	0.00
86	104	190	1.1-10.8-1444.94	0.80	0.00	-6.72-1450.86	14.82	0.00	0.00	0.00
86	105	191	0.8-10.6-1455.68	1.05	1.02	-6.58-1460.20	13.56	0.00	0.00	0.00
86	106	192	0.6-10.4-1466.22	1.29	0.00	-6.46-1471.38	10.44	0.00	0.00	0.00
86	107	193	0.3-10.2-1476.56	1.42	1.01	-6.33-1480.46	9.44	0.00	0.00	0.00
86	108	194	0.1-10.0-1486.71	1.42	0.00	-6.21-1491.50	6.47	0.00	0.00	0.00
86	109	195	-0.2 -9.9-1496.66	1.16	1.00	-6.09-1500.59	5.45	0.00	0.00	0.00
86	110	196	-0.4 -9.7-1506.43	0.92	0.00	-5.98-1511.49	2.62	0.00	0.00	0.00
86	111	197	-0.7 -9.5-1516.01	0.65	1.00	-5.87-1520.23	1.95	0.00	0.00	0.00
86	112	198	-0.9 -9.3-1525.41	0.45	0.00	-5.76-1530.72	-0.47	0.00	0.00	0.00
86	113	199	-1.2 -9.1-1534.63	0.09	0.99	-5.66-1539.20	-0.88	0.00	0.00	0.00
86	114	200	-1.4 -9.0-1543.67	-0.19	0.00	-5.55-1549.42	-3.02	0.00	0.00	0.00
86	115	201	-1.7 -8.8-1552.54	-0.67	0.99	-5.46-1557.68	-3.21	0.00	0.00	0.00
86	116	202	-1.9 -8.6-1561.23	-1.45	0.00	-5.36-1568.04	-5.50	0.00	0.00	0.00
86	117	203	-2.2 -8.4-1569.76	-2.13	0.98	-5.27-1576.17	-5.56	0.00	0.00	0.00
86	118	204	-2.4 -8.3-1578.11	-2.90	0.00	-5.17-1586.19	-7.51	0.00	0.00	0.00
86	119	205	-2.6 -8.1-1586.31	-3.72	0.98	-5.09-1594.14	-7.38	0.00	0.00	0.00
86	120	206	-2.9 -7.9-1594.34	-4.26	0.00	-5.00-1603.59	-8.77	0.00	0.00	0.00
86	121	207	-3.1 -7.8-1602.20	-5.19	0.97	-4.92-1611.34	-8.44	-8.67	-5.42	-0.23
86	122	208	-3.3 -7.6-1609.91	-5.83	0.00	-4.83-1620.58	-9.61	0.00	0.00	0.00
86	123	209	-3.6 -7.5-1617.47	-6.66	0.97	-4.75-1627.92	-8.87	-8.97	-6.76	-0.10
86	124	210	-3.8 -7.3-1624.87	-7.45	0.00	-4.68-1636.99	-9.88	-9.62	-7.19	0.26

86	125	211	-4.0	-7.2-1632.11	-8.35	0.96	-4.60-1644.11	-8.92	-8.78	-8.21	0.14
86	126	212	-4.3	-7.0-1639.21	-8.46	0.00	-4.53-1652.20	-8.95	-8.68	-8.19	0.27
86	127	213	-4.5	-6.9-1646.17	-7.55	0.95	-4.46-1657.22	-5.89	-5.72	-7.38	0.17
86	128	214	-4.7	-6.7-1652.97	-6.58	0.00	-4.39-1663.94	-4.54	-4.34	-6.38	0.20
86	129	215	-4.9	-6.6-1659.64	-5.32	0.95	-4.32-1668.32	-0.85	-1.19	15.66	-0.34
86	130	216	-5.2	-6.4-1666.16	-4.30	0.00	-4.25-1674.71	0.83	0.23	-4.90	-0.60
86	131	217	-5.4	-6.3-1672.54	-3.61	0.95	-4.19-1679.39	4.22	3.63	-4.20	-0.59
86	132	218	-5.6	-6.2-1678.78	-2.84	0.00	-4.12-1685.75	5.94	5.20	-3.58	-0.74
86	133	219	-5.8	-6.0-1684.89	-2.58	0.94	-4.06-1690.59	9.16	8.83	-2.91	-0.33
86	134	220	-6.0	-5.9-1690.87	-1.98	0.00	-4.00-1696.85	10.98	10.59	-2.37	-0.39
86	135	221	-6.2	-5.8-1696.72	-1.75	0.94	-3.94-1701.47	14.43	0.00	0.00	0.00
86	136	222	-6.5	-5.6-1702.43	-0.98	0.00	-3.88-1707.29	16.68	16.37	-1.29	-0.31
86	137	223	-6.7	-5.5-1708.02	-0.52	0.93	-3.83-1711.43	20.61	0.00	0.00	0.00
86	138	224	-6.9	-5.4-1713.48	-0.04	0.00	-3.77-1717.29	22.82	0.00	0.00	0.00
86	139	225	-7.1	-5.3-1718.81	0.01	0.93	-3.72-1721.59	26.59	0.00	0.00	0.00
86	140	226	-7.3	-5.1-1724.03	0.32	0.00	-3.67-1727.37	28.88	0.00	0.00	0.00
86	141	227	-7.5	-5.0-1729.12	0.22	0.92	-3.61-1731.59	32.74	0.00	0.00	0.00
86	142	228	-7.7	-4.9-1734.09	0.46	0.00	-3.56-1737.19	35.21	0.00	0.00	0.00
86	143	229	-7.9	-4.8-1738.94	0.32	0.92	-3.52-1741.22	39.25	0.00	0.00	0.00
86	144	230	-8.1	-4.7-1743.68	0.46	0.00	-3.47-1746.69	41.85	0.00	0.00	0.00
86	145	231	-8.3	-4.6-1748.30	0.22	0.91	-3.42-1750.59	46.02	0.00	0.00	0.00
86	146	232	-8.5	-4.5-1752.81	0.38	0.00	-3.37-1755.81	48.88	0.00	0.00	0.00
86	147	233	-8.7	-4.3-1757.21	0.08	0.91	-3.33-1759.55	53.20	0.00	0.00	0.00
86	148	234	-8.9	-4.2-1761.50	0.24	0.00	-3.29-1764.55	56.28	0.00	0.00	0.00
86	149	235	-9.1	-4.1-1765.68	-0.01	0.91	-3.24-1768.03	60.87	0.00	0.00	0.00
86	150	236	-9.3	-4.0-1769.75	0.14	0.00	-3.20-1772.81	64.15	0.00	0.00	0.00
86	151	237	-9.5	-3.9-1773.72	-0.16	0.90	-3.16-1776.14	68.90	0.00	0.00	0.00
86	152	238	-9.7	-3.8-1777.58	-0.07	0.00	-3.12-1780.77	72.34	0.00	0.00	0.00
86	153	239	-9.8	-3.7-1781.34	0.21	0.90	-3.08-1783.32	77.87	0.00	0.00	0.00
86	154	240	-10.0	-3.6-1785.00	0.49	0.00	-3.04-1787.55	81.70	0.00	0.00	0.00
86	155	241	-10.2	-3.5-1788.56	0.52	0.89	-3.00-1790.15	87.18	0.00	0.00	0.00
86	156	242	-10.4	-3.4-1792.02	0.81	0.00	-2.97-1794.18	91.22	0.00	0.00	0.00
86	157	243	-10.6	-3.3-1795.38	0.70	0.89	-2.93-1796.72	96.74	0.00	0.00	0.00
86	158	244	-10.8	-3.2-1798.65	0.80	0.00	-2.90-1800.74	100.80	0.00	0.00	0.00
86	159	245	-10.9	-3.1-1801.82	0.49	0.89	-2.86-1803.30	106.31	0.00	0.00	0.00
86	160	246	-11.1	-3.0-1804.90	0.43	0.00	-2.83-1807.29	110.39	0.00	0.00	0.00
86	161	247	-11.3	-2.9-1807.88	0.03	0.88	-2.79-1809.77	115.99	0.00	0.00	0.00
86	162	248	-11.5	-2.8-1810.78	0.00	0.00	-2.76-1813.54	120.29	0.00	0.00	0.00
86	163	249	-11.6	-2.8-1813.58	-0.28	0.88	-2.73-1815.71	126.19	0.00	0.00	0.00
86	164	250	-11.8	-2.7-1816.30	0.97	0.00	-2.70-1818.02	131.94	0.00	0.00	0.00
86	165	251	-12.0	-2.6-1818.93	0.76	0.88	-2.67-1819.96	138.08	0.00	0.00	0.00
86	166	252	-12.2	-2.5-1821.47	0.47	0.00	-2.64-1823.63	142.48	0.00	0.00	0.00
86	167	253	-12.3	-2.4-1823.93	-0.27	0.87	-2.61-1825.93	148.25	0.00	0.00	0.00
86	168	254	-12.5	-2.3-1826.30	-0.64	0.00	-2.58-1829.52	152.74	0.00	0.00	0.00
86	169	255	-12.7	-2.2-1828.59	-1.22	0.87	-2.55-1831.49	158.84	0.00	0.00	0.00
86	170	256	-12.8	-2.2-1830.80	-1.48	0.00	-2.52-1834.80	163.60	0.00	0.00	0.00
86	171	257	-13.0	-2.1-1832.92	-2.06	0.86	-2.49-1836.61	169.86	0.00	0.00	0.00
86	172	258	-13.2	-2.0-1834.97	-3.25	0.00	-2.47-1840.69	173.85	0.00	0.00	0.00
86	173	259	-13.3	-1.9-1836.94	-2.89	0.86	-2.44-1841.41	181.20	0.00	0.00	0.00
86	174	260	-13.5	-1.8-1838.83	-3.15	0.00	-2.41-1844.40	186.29	0.00	0.00	0.00
86	175	261	-13.6	-1.8-1840.65	-3.81	0.86	-2.39-1845.99	192.77	0.00	0.00	0.00
86	176	262	-13.8	-1.7-1842.39	-4.50	0.00	-2.36-1849.25	197.57	0.00	0.00	0.00
86	177	263	-13.9	-1.6-1844.06	-5.11	0.85	-2.34-1850.65	204.25	0.00	0.00	0.00
86	178	264	-14.1	-1.6-1845.65	-5.20	0.00	-2.31-1853.16	209.81	0.00	0.00	0.00
86	179	265	-14.3	-1.5-1847.17	-5.87	0.85	-2.29-1854.48	216.56	0.00	0.00	0.00
86	180	266	-14.4	-1.4-1848.62	-6.08	0.00	-2.27-1856.96	222.15	0.00	0.00	0.00
86	181	267	-14.6	-1.3-1850.00	-6.60	0.85	-2.24-1857.99	229.19	0.00	0.00	0.00
86	182	268	-14.7	-1.3-1851.31	-6.63	0.00	-2.22-1860.16	235.10	0.00	0.00	0.00
86	183	269	-14.9	-1.2-1852.55	-7.06	0.85	-2.20-1860.96	242.37	0.00	0.00	0.00
86	184	270	-15.0	-1.1-1853.72	-6.73	0.00	-2.18-1862.63	248.77	0.00	0.00	0.00
86	185	271	-15.1	-1.1-1854.83	-5.87	0.84	-2.16-1862.01	257.46	0.00	0.00	0.00
86	186	272	-15.3	-1.0-1855.87	-5.23	0.00	-2.14-1863.23	264.31	0.00	0.00	0.00
86	187	273	-15.4	-0.9-1856.84	-4.27	0.84	-2.11-1862.39	273.22	0.00	0.00	0.00
86	188	274	-15.6	-0.9-1857.76	-3.54	0.00	-2.09-1863.39	280.29	0.00	0.00	0.00
86	189	275	-15.7	-0.8-1858.60	-3.13	0.84	-2.07-1862.97	288.78	0.00	0.00	0.00
86	190	276	-15.8	-0.8-1859.39	-2.55	0.00	-2.05-1864.00	295.83	0.00	0.00	0.00

86	191	277-16.0	-0.7-1860.12	-1.26	0.83	-2.04-1862.58	305.32	0.00	0.00	0.00
86	192	278-16.1	-0.6-1860.79	-1.11	0.00	-2.02-1863.91	312.06	0.00	0.00	0.00
86	193	279-16.3	-0.6-1861.39	-1.37	0.83	-2.00-1863.93	320.11	0.00	0.00	0.00
86	194	280-16.4	-0.5-1861.94	-1.26	0.00	-1.98-1865.18	326.93	0.00	0.00	0.00
86	195	281-16.5	-0.5-1862.43	-1.39	0.83	-1.96-1864.96	335.23	0.00	0.00	0.00
86	196	282-16.7	-0.4-1862.87	-1.17	0.00	-1.94-1865.98	342.28	0.00	0.00	0.00
86	197	283-16.8	-0.3-1863.25	-1.35	0.82	-1.93-1865.70	350.63	0.00	0.00	0.00
86	198	284-16.9	-0.3-1863.57	-1.52	0.00	-1.91-1867.00	357.40	0.00	0.00	0.00
86	199	285-17.0	-0.2-1863.84	-1.69	0.82	-1.89-1866.60	365.87	0.00	0.00	0.00
86	200	286-17.2	-0.2-1864.06	-1.57	0.00	-1.87-1867.50	373.04	0.00	0.00	0.00
87	102	189	2.1-11.5-1421.02	0.19	1.08	-7.17-1426.91	29.90	0.00	0.00	0.00
87	103	190	1.8-11.3-1432.43	0.26	1.91	-7.02-1437.28	27.61	0.00	0.00	0.00
87	104	191	1.5-11.1-1443.63	0.44	1.08	-6.88-1448.98	23.97	0.00	0.00	0.00
87	105	192	1.3-10.9-1454.62	0.53	1.90	-6.75-1458.93	22.09	0.00	0.00	0.00
87	106	193	1.0-10.7-1465.42	0.81	1.08	-6.61-1470.14	18.96	0.00	0.00	0.00
87	107	194	0.8-10.5-1476.01	1.16	1.90	-6.49-1479.44	17.73	0.00	0.00	0.00
87	108	195	0.5-10.3-1486.42	1.19	1.08	-6.36-1490.50	14.74	0.00	0.00	0.00
87	109	196	0.3-10.1-1496.62	1.47	1.89	-6.24-1499.50	13.81	0.00	0.00	0.00
87	110	197	0.0-9.9-1506.64	1.24	1.08	-6.12-1510.44	10.94	0.00	0.00	0.00
87	111	198	-0.2-9.7-1516.48	0.95	1.89	-6.01-1519.65	9.81	0.00	0.00	0.00
87	112	199	-0.5-9.6-1526.12	0.69	1.08	-5.90-1530.25	7.28	0.00	0.00	0.00
87	113	200	-0.7-9.4-1535.59	0.41	1.88	-5.79-1539.09	6.51	0.00	0.00	0.00
87	114	201	-1.0-9.2-1544.88	0.08	1.08	-5.69-1549.40	4.27	0.00	0.00	0.00
87	115	202	-1.2-9.0-1553.99	-0.33	1.88	-5.59-1558.03	3.71	0.00	0.00	0.00
87	116	203	-1.5-8.8-1562.93	-0.80	1.08	-5.49-1568.13	1.68	0.00	0.00	0.00
87	117	204	-1.7-8.7-1571.69	-1.35	1.87	-5.39-1576.56	1.33	0.65	-2.03	-0.68
87	118	205	-1.9-8.5-1580.29	-2.27	1.08	-5.30-1586.77	-0.82	-1.26	-2.71	-0.44
87	119	206	-2.2-8.3-1588.72	-3.05	1.87	-5.21-1595.10	-1.08	-1.41	-3.38	-0.33
87	120	207	-2.4-8.2-1596.98	-3.66	1.08	-5.12-1604.68	-2.58	-2.96	-4.04	-0.38
87	121	208	-2.6-8.0-1605.08	-4.31	1.87	-5.03-1612.56	-2.39	-2.70	-4.62	-0.31
87	122	209	-2.9-7.9-1613.03	-4.90	1.08	-4.95-1621.79	-3.55	-3.83	-5.18	-0.28
87	123	210	-3.1-7.7-1620.81	-5.65	1.86	-4.87-1629.47	-3.16	-3.40	-5.89	-0.24
87	124	211	-3.3-7.5-1628.44	-6.39	1.08	-4.79-1638.54	-4.15	-4.20	-6.44	-0.05
87	125	212	-3.6-7.4-1635.92	-7.26	1.86	-4.71-1646.03	-3.58	-3.60	-7.28	-0.02
87	126	213	-3.8-7.2-1643.25	-7.33	1.08	-4.63-1654.13	-3.60	-3.57	-7.30	0.03
87	127	214	-4.0-7.1-1650.42	-6.45	1.85	-4.56-1659.58	-0.98	-0.98	-6.45	0.00
87	128	215	-4.2-7.0-1657.46	-5.54	1.08	-4.49-1666.40	0.27	0.29	-5.52	0.02
87	129	216	-4.5-6.8-1664.34	-4.31	1.85	-4.42-1671.22	3.52	2.96	-4.87	-0.56
87	130	217	-4.7-6.7-1671.08	-3.22	1.08	-4.35-1677.57	5.24	4.29	-4.17	-0.95
87	131	218	-4.9-6.5-1677.69	-3.12	1.85	-4.28-1683.24	7.64	7.04	-3.72	-0.60
87	132	219	-5.1-6.4-1684.15	-2.69	1.08	-4.22-1689.98	8.98	8.61	-3.06	-0.37
87	133	220	-5.3-6.3-1690.48	-2.44	1.84	-4.16-1695.23	11.80	11.46	-2.78	-0.34
87	134	221	-5.6-6.1-1696.67	-2.00	1.08	-4.09-1701.68	13.42	13.27	-2.15	-0.15
87	135	222	-5.8-6.0-1702.73	-1.57	1.84	-4.03-1706.49	16.68	16.38	-1.87	-0.30
87	136	223	-6.0-5.9-1708.65	-1.02	1.08	-3.97-1712.56	18.68	18.38	-1.32	-0.30
87	137	224	-6.2-5.7-1714.45	-0.70	1.84	-3.92-1717.23	22.08	21.63	-1.15	-0.45
87	138	225	-6.4-5.6-1720.12	-0.35	1.08	-3.86-1723.25	24.14	23.85	-0.64	-0.29
87	139	226	-6.6-5.5-1725.67	-0.25	1.83	-3.80-1727.89	27.57	27.30	-0.52	-0.27
87	140	227	-6.8-5.4-1731.08	0.06	1.08	-3.75-1733.69	29.84	29.59	-0.19	-0.25
87	141	228	-7.0-5.2-1736.38	0.01	1.83	-3.70-1738.24	33.36	0.00	0.00	0.00
87	142	229	-7.2-5.1-1741.56	0.19	1.08	-3.65-1743.93	35.74	0.00	0.00	0.00
87	143	230	-7.4-5.0-1746.61	0.04	1.83	-3.60-1748.34	39.40	0.00	0.00	0.00
87	144	231	-7.6-4.9-1751.55	0.18	1.08	-3.55-1753.84	41.98	0.00	0.00	0.00
87	145	232	-7.8-4.8-1756.38	-0.05	1.82	-3.50-1758.10	45.78	0.00	0.00	0.00
87	146	233	-8.0-4.6-1761.08	0.09	1.08	-3.45-1763.36	48.59	0.00	0.00	0.00
87	147	234	-8.2-4.5-1765.68	-0.17	1.82	-3.41-1767.44	52.59	0.00	0.00	0.00
87	148	235	-8.4-4.4-1770.16	0.01	1.08	-3.36-1772.43	55.67	0.00	0.00	0.00
87	149	236	-8.6-4.3-1774.54	-0.25	1.82	-3.32-1776.29	59.88	0.00	0.00	0.00
87	150	237	-8.8-4.2-1778.80	-0.05	1.08	-3.27-1781.04	63.20	0.00	0.00	0.00
87	151	238	-9.0-4.1-1782.96	-0.36	1.81	-3.23-1784.74	67.57	0.00	0.00	0.00
87	152	239	-9.2-4.0-1787.01	-0.29	1.08	-3.19-1789.41	70.97	0.00	0.00	0.00
87	153	240	-9.4-3.9-1790.96	-0.08	1.81	-3.15-1792.38	76.07	0.00	0.00	0.00
87	154	241	-9.6-3.8-1794.81	0.39	1.08	-3.11-1796.44	80.08	0.00	0.00	0.00
87	155	242	-9.8-3.7-1798.55	0.46	1.81	-3.07-1799.36	85.24	0.00	0.00	0.00
87	156	243	-9.9-3.6-1802.19	0.75	1.08	-3.03-1803.39	89.28	0.00	0.00	0.00
87	157	244-10.1	-3.5-1805.74	0.70	1.80	-3.00-1806.23	94.51	0.00	0.00	0.00

87	158	245-10.3	-3.4-1809.19	0.85	1.08	-2.96-1810.21	98.60	0.00	0.00	0.00
87	159	246-10.5	-3.3-1812.54	0.52	1.80	-2.93-1813.14	103.74	0.00	0.00	0.00
87	160	247-10.7	-3.2-1815.79	0.49	1.08	-2.89-1817.11	107.85	0.00	0.00	0.00
87	161	248-10.8	-3.1-1818.96	0.10	1.80	-2.86-1819.91	113.11	0.00	0.00	0.00
87	162	249-11.0	-3.0-1822.03	0.11	1.08	-2.82-1823.66	117.44	0.00	0.00	0.00
87	163	250-11.2	-2.9-1825.01	-0.17	1.80	-2.79-1826.17	123.00	0.00	0.00	0.00
87	164	251-11.4	-2.8-1827.90	1.23	1.08	-2.76-1828.34	128.90	0.00	0.00	0.00
87	165	252-11.5	-2.8-1830.70	0.93	1.79	-2.73-1830.70	134.62	0.00	0.00	0.00
87	166	253-11.7	-2.7-1833.41	0.67	1.08	-2.69-1834.35	139.04	0.00	0.00	0.00
87	167	254-11.9	-2.6-1836.03	0.07	1.79	-2.66-1836.84	144.62	0.00	0.00	0.00
87	168	255-12.1	-2.5-1838.58	-0.36	1.08	-2.63-1840.49	149.04	0.00	0.00	0.00
87	169	256-12.2	-2.4-1841.03	-0.89	1.79	-2.60-1842.74	154.86	0.00	0.00	0.00
87	170	257-12.4	-2.3-1843.41	-1.20	1.08	-2.58-1846.10	159.57	0.00	0.00	0.00
87	171	258-12.6	-2.2-1845.70	-1.77	1.79	-2.55-1848.23	165.51	0.00	0.00	0.00
87	172	259-12.7	-2.2-1847.91	-2.85	1.08	-2.52-1852.20	169.62	0.00	0.00	0.00
87	173	260-12.9	-2.1-1850.04	-2.52	1.78	-2.49-1853.27	176.61	0.00	0.00	0.00
87	174	261-13.0	-2.0-1852.09	-2.68	1.08	-2.47-1856.15	181.80	0.00	0.00	0.00
87	175	262-13.2	-1.9-1854.07	-3.39	1.78	-2.44-1858.12	187.91	0.00	0.00	0.00
87	176	263-13.4	-1.9-1855.96	-4.10	1.08	-2.41-1861.40	192.70	0.00	0.00	0.00
87	177	264-13.5	-1.8-1857.79	-4.67	1.78	-2.39-1863.07	199.10	0.00	0.00	0.00
87	178	265-13.7	-1.7-1859.53	-4.63	1.08	-2.36-1865.45	204.80	0.00	0.00	0.00
87	179	266-13.8	-1.6-1861.21	-5.26	1.78	-2.34-1867.03	211.28	0.00	0.00	0.00
87	180	267-14.0	-1.6-1862.81	-5.41	1.08	-2.32-1869.45	216.93	0.00	0.00	0.00
87	181	268-14.1	-1.5-1864.34	-5.99	1.77	-2.29-1870.85	223.61	0.00	0.00	0.00
87	182	269-14.3	-1.4-1865.80	-5.98	1.08	-2.27-1872.96	229.56	0.00	0.00	0.00
87	183	270-14.4	-1.4-1867.19	-6.42	1.77	-2.25-1874.08	236.52	0.00	0.00	0.00
87	184	271-14.6	-1.3-1868.51	-6.07	1.08	-2.22-1875.72	242.95	0.00	0.00	0.00
87	185	272-14.7	-1.2-1869.76	-5.20	1.77	-2.20-1875.39	251.35	0.00	0.00	0.00
87	186	273-14.9	-1.1-1870.95	-4.57	1.08	-2.18-1876.61	258.20	0.00	0.00	0.00
87	187	274-15.0	-1.1-1872.06	-3.56	1.77	-2.16-1876.02	266.87	0.00	0.00	0.00
87	188	275-15.2	-1.0-1873.12	-2.79	1.08	-2.14-1876.96	273.99	0.00	0.00	0.00
87	189	276-15.3	-1.0-1874.11	-1.45	1.76	-2.12-1875.91	283.11	0.00	0.00	0.00
87	190	277-15.4	-0.9-1875.04	-1.27	1.08	-2.10-1877.32	289.78	0.00	0.00	0.00
87	191	278-15.6	-0.8-1875.90	-1.41	1.76	-2.08-1877.63	297.54	0.00	0.00	0.00
87	192	279-15.7	-0.8-1876.70	-1.27	1.08	-2.06-1878.95	304.29	0.00	0.00	0.00
87	193	280-15.8	-0.7-1877.45	-1.53	1.76	-2.04-1879.26	312.06	0.00	0.00	0.00
87	194	281-16.0	-0.6-1878.13	-1.44	1.08	-2.02-1880.51	318.88	0.00	0.00	0.00
87	195	282-16.1	-0.6-1878.75	-1.44	1.76	-2.00-1880.44	327.02	0.00	0.00	0.00
87	196	283-16.2	-0.5-1879.32	-1.35	1.08	-1.98-1881.57	333.96	0.00	0.00	0.00
87	197	284-16.4	-0.5-1879.83	-1.12	1.76	-1.97-1881.16	342.44	0.00	0.00	0.00
87	198	285-16.5	-0.4-1880.28	-0.65	1.08	-1.95-1881.79	349.88	0.00	0.00	0.00
87	199	286-16.6	-0.4-1880.68	-1.89	1.75	-1.93-1882.74	357.00	0.00	0.00	0.00
87	200	287-16.8	-0.3-1881.02	-1.72	1.08	-1.91-1883.57	364.24	0.00	0.00	0.00
87	201	288-16.9	-0.3-1881.31	-0.04	1.75	-1.90-1881.49	374.39	0.00	0.00	0.00
87	202	289-17.0	-0.2-1881.54	0.11	1.08	-1.88-1882.23	381.72	0.00	0.00	0.00
88	104	192	2.0-11.4-1441.86	0.35	0.00	-7.05-1448.56	31.67	0.00	0.00	0.00
88	105	193	1.7-11.1-1453.12	0.59	1.02	-6.91-1458.42	29.88	0.00	0.00	0.00
88	106	194	1.5-10.9-1464.17	0.88	0.00	-6.77-1470.06	26.31	0.00	0.00	0.00
88	107	195	1.2-10.7-1475.02	1.14	1.01	-6.64-1479.51	24.93	0.00	0.00	0.00
88	108	196	1.0-10.6-1485.67	1.27	0.00	-6.51-1490.92	21.60	0.00	0.00	0.00
88	109	197	0.7-10.4-1496.13	1.27	1.00	-6.39-1500.25	20.33	0.00	0.00	0.00
88	110	198	0.5-10.2-1506.41	1.65	0.00	-6.27-1511.03	17.63	0.00	0.00	0.00
88	111	199	0.2-10.0-1516.49	1.37	1.00	-6.15-1520.27	16.45	0.00	0.00	0.00
88	112	200	0.0-9.8-1526.38	1.22	0.00	-6.04-1531.20	13.60	0.00	0.00	0.00
88	113	201	-0.3-9.6-1536.10	0.89	0.99	-5.93-1540.14	12.73	0.00	0.00	0.00
88	114	202	-0.5-9.4-1545.63	0.65	0.00	-5.82-1550.80	10.14	0.00	0.00	0.00
88	115	203	-0.8-9.3-1554.98	0.25	0.99	-5.72-1559.46	9.55	0.00	0.00	0.00
88	116	204	-1.0-9.1-1564.16	-0.23	0.00	-5.62-1570.01	7.08	0.00	0.00	0.00
88	117	205	-1.2-8.9-1573.17	-0.78	0.98	-5.52-1578.49	6.67	0.00	0.00	0.00
88	118	206	-1.5-8.7-1582.00	-1.61	0.00	-5.42-1589.04	4.19	0.00	0.00	0.00
88	119	207	-1.7-8.6-1590.67	-2.31	0.98	-5.33-1597.33	3.97	0.00	0.00	0.00
88	120	208	-2.0-8.4-1599.17	-2.90	0.00	-5.24-1607.31	2.06	0.00	0.00	0.00
88	121	209	-2.2-8.3-1607.51	-3.51	0.97	-5.15-1615.20	2.24	0.00	0.00	0.00
88	122	210	-2.4-8.1-1615.68	-3.98	0.00	-5.07-1624.73	0.78	0.00	0.00	0.00
88	123	211	-2.7-7.9-1623.70	-4.74	0.97	-4.98-1632.46	1.13	0.80	-5.07	-0.33
88	124	212	-2.9-7.8-1631.56	-5.44	0.00	-4.90-1641.90	-0.25	0.00	0.00	0.00

88	125	213	-3.1	-7.6	-1639.27	-6.24	0.96	-4.82	-1649.37	0.36	0.31	-6.29	-0.05
88	126	214	-3.3	-7.5	-1646.82	-6.35	0.00	-4.74	-1657.91	-0.12	0.08	-6.15	0.20
88	127	215	-3.6	-7.3	-1654.22	-5.53	0.95	-4.67	-1663.47	2.40	2.51	-5.42	0.11
88	128	216	-3.8	-7.2	-1661.48	-4.59	0.00	-4.59	-1670.66	3.28	3.27	-4.60	-0.01
88	129	217	-4.0	-7.0	-1668.59	-3.42	0.95	-4.52	-1675.58	6.43	5.86	-3.99	-0.57
88	130	218	-4.2	-6.9	-1675.55	-2.37	0.00	-4.45	-1682.37	7.71	6.63	-3.45	-1.08
88	131	219	-4.5	-6.7	-1682.37	-2.69	0.95	-4.38	-1688.50	9.65	9.36	-2.98	-0.29
88	132	220	-4.7	-6.6	-1689.06	-2.13	0.00	-4.32	-1695.50	10.72	10.25	-2.60	-0.47
88	133	221	-4.9	-6.5	-1695.60	-2.07	0.94	-4.25	-1700.98	13.32	12.94	-2.45	-0.38
88	134	222	-5.1	-6.3	-1702.01	-1.70	0.00	-4.19	-1707.90	14.47	14.30	-1.87	-0.17
88	135	223	-5.3	-6.2	-1708.28	-1.16	0.94	-4.13	-1712.63	17.81	17.23	-1.74	-0.58
88	136	224	-5.5	-6.1	-1714.42	-0.64	0.00	-4.07	-1719.13	19.39	18.80	-1.23	-0.59
88	137	225	-5.7	-5.9	-1720.43	-0.68	0.93	-4.01	-1724.18	22.40	21.99	-1.09	-0.41
88	138	226	-6.0	-5.8	-1726.31	-0.30	0.00	-3.95	-1730.56	24.10	23.66	-0.74	-0.44
88	139	227	-6.2	-5.7	-1732.06	-0.23	0.93	-3.89	-1735.26	27.47	27.17	-0.53	-0.30
88	140	228	-6.4	-5.6	-1737.69	0.05	0.00	-3.84	-1741.47	29.33	28.94	-0.34	-0.39
88	141	229	-6.6	-5.4	-1743.19	-0.09	0.92	-3.78	-1746.14	32.73	32.66	-0.16	-0.07
88	142	230	-6.8	-5.3	-1748.57	0.03	0.00	-3.73	-1752.27	34.67	0.00	0.00	0.00
88	143	231	-7.0	-5.2	-1753.83	-0.14	0.92	-3.68	-1756.73	38.28	0.00	0.00	0.00
88	144	232	-7.2	-5.1	-1758.97	-0.03	0.00	-3.63	-1762.63	40.46	0.00	0.00	0.00
88	145	233	-7.4	-5.0	-1763.99	-0.26	0.91	-3.58	-1766.92	44.24	0.00	0.00	0.00
88	146	234	-7.6	-4.8	-1768.90	-0.07	0.00	-3.53	-1772.50	46.73	0.00	0.00	0.00
88	147	235	-7.8	-4.7	-1773.69	-0.42	0.91	-3.48	-1776.68	50.62	0.00	0.00	0.00
88	148	236	-8.0	-4.6	-1778.37	-0.25	0.00	-3.44	-1782.06	53.32	0.00	0.00	0.00
88	149	237	-8.2	-4.5	-1782.94	-0.51	0.91	-3.39	-1785.93	57.51	0.00	0.00	0.00
88	150	238	-8.4	-4.4	-1787.39	-0.30	0.00	-3.35	-1791.04	60.47	0.00	0.00	0.00
88	151	239	-8.6	-4.3	-1791.74	-0.48	0.90	-3.31	-1794.63	64.96	0.00	0.00	0.00
88	152	240	-8.7	-4.2	-1795.99	-0.40	0.00	-3.26	-1799.65	68.01	0.00	0.00	0.00
88	153	241	-8.9	-4.1	-1800.12	-0.16	0.90	-3.22	-1802.61	73.12	0.00	0.00	0.00
88	154	242	-9.1	-4.0	-1804.16	0.36	0.00	-3.18	-1806.98	76.82	0.00	0.00	0.00
88	155	243	-9.3	-3.9	-1808.09	0.45	0.89	-3.14	-1809.88	81.99	0.00	0.00	0.00
88	156	244	-9.5	-3.8	-1811.91	0.69	0.00	-3.10	-1814.33	85.62	0.00	0.00	0.00
88	157	245	-9.7	-3.7	-1815.64	0.66	0.89	-3.06	-1817.16	90.86	0.00	0.00	0.00
88	158	246	-9.9	-3.6	-1819.27	0.88	0.00	-3.03	-1821.42	94.67	0.00	0.00	0.00
88	159	247	-10.0	-3.5	-1822.81	0.58	0.89	-2.99	-1824.33	99.83	0.00	0.00	0.00
88	160	248	-10.2	-3.4	-1826.24	0.60	0.00	-2.95	-1828.59	103.63	0.00	0.00	0.00
88	161	249	-10.4	-3.3	-1829.58	0.23	0.88	-2.92	-1831.39	108.91	0.00	0.00	0.00
88	162	250	-10.6	-3.2	-1832.83	0.23	0.00	-2.88	-1835.48	112.89	0.00	0.00	0.00
88	163	251	-10.8	-3.1	-1835.98	0.03	0.88	-2.85	-1837.93	118.52	0.00	0.00	0.00
88	164	252	-10.9	-3.0	-1839.05	0.28	0.00	-2.82	-1841.58	122.93	0.00	0.00	0.00
88	165	253	-11.1	-2.9	-1842.02	1.29	0.88	-2.79	-1842.64	129.95	0.00	0.00	0.00
88	166	254	-11.3	-2.8	-1844.90	1.21	0.00	-2.75	-1846.45	134.21	0.00	0.00	0.00
88	167	255	-11.4	-2.7	-1847.70	0.50	0.87	-2.72	-1849.05	139.68	0.00	0.00	0.00
88	168	256	-11.6	-2.7	-1850.41	0.17	0.00	-2.69	-1852.93	143.87	0.00	0.00	0.00
88	169	257	-11.8	-2.6	-1853.03	-0.46	0.87	-2.66	-1855.29	149.58	0.00	0.00	0.00
88	170	258	-11.9	-2.5	-1855.57	-0.69	0.00	-2.63	-1858.90	154.05	0.00	0.00	0.00
88	171	259	-12.1	-2.4	-1858.03	-1.25	0.86	-2.60	-1861.02	159.99	0.00	0.00	0.00
88	172	260	-12.3	-2.3	-1860.41	-2.47	0.00	-2.57	-1865.45	163.63	0.00	0.00	0.00
88	173	261	-12.4	-2.2	-1862.70	-1.92	0.86	-2.55	-1866.31	170.85	0.00	0.00	0.00
88	174	262	-12.6	-2.2	-1864.91	-2.10	0.00	-2.52	-1869.53	175.70	0.00	0.00	0.00
88	175	263	-12.8	-2.1	-1867.05	-2.75	0.86	-2.49	-1871.43	181.87	0.00	0.00	0.00
88	176	264	-12.9	-2.0	-1869.10	-3.55	0.00	-2.47	-1875.12	186.25	0.00	0.00	0.00
88	177	265	-13.1	-1.9	-1871.08	-3.99	0.85	-2.44	-1876.66	192.78	0.00	0.00	0.00
88	178	266	-13.2	-1.9	-1872.99	-4.04	0.00	-2.41	-1879.44	198.07	0.00	0.00	0.00
88	179	267	-13.4	-1.8	-1874.82	-4.49	0.85	-2.39	-1880.84	204.74	0.00	0.00	0.00
88	180	268	-13.5	-1.7	-1876.57	-4.64	0.00	-2.37	-1883.58	210.08	0.00	0.00	0.00
88	181	269	-13.7	-1.6	-1878.25	-5.14	0.85	-2.34	-1884.89	216.84	0.00	0.00	0.00
88	182	270	-13.8	-1.6	-1879.86	-5.13	0.00	-2.32	-1887.31	222.49	0.00	0.00	0.00
88	183	271	-14.0	-1.5	-1881.40	-5.52	0.85	-2.29	-1888.37	229.50	0.00	0.00	0.00
88	184	272	-14.1	-1.4	-1882.87	-5.15	0.00	-2.27	-1890.29	235.65	0.00	0.00	0.00
88	185	273	-14.3	-1.4	-1884.27	-4.28	0.84	-2.25	-1889.96	244.06	0.00	0.00	0.00
88	186	274	-14.4	-1.3	-1885.60	-3.66	0.00	-2.23	-1891.49	250.60	0.00	0.00	0.00
88	187	275	-14.6	-1.2	-1886.86	-2.71	0.84	-2.20	-1890.94	259.22	0.00	0.00	0.00
88	188	276	-14.7	-1.2	-1888.06	-1.95	0.00	-2.18	-1892.20	266.03	0.00	0.00	0.00
88	189	277	-14.9	-1.1	-1889.20	-1.33	0.84	-2.16	-1891.85	274.45	0.00	0.00	0.00
88	190	278	-15.0	-1.0	-1890.26	-1.13	0.00	-2.14	-1893.54	280.84	0.00	0.00	0.00

88	191	279-15.2	-1.0-1891.27	-1.34	0.83	-2.12-1893.89	288.55	0.00	0.00	0.00
88	192	280-15.3	-0.9-1892.21	-1.23	0.00	-2.10-1895.54	294.97	0.00	0.00	0.00
88	193	281-15.4	-0.8-1893.09	-1.46	0.83	-2.08-1895.80	302.79	0.00	0.00	0.00
88	194	282-15.6	-0.8-1893.91	-1.16	0.00	-2.06-1897.13	309.53	0.00	0.00	0.00
88	195	283-15.7	-0.7-1894.66	-1.27	0.83	-2.04-1897.15	317.58	0.00	0.00	0.00
88	196	284-15.8	-0.7-1895.36	-1.13	0.00	-2.02-1898.52	324.28	0.00	0.00	0.00
88	197	285-16.0	-0.6-1896.00	-0.75	0.82	-2.01-1897.93	332.94	0.00	0.00	0.00
88	198	286-16.1	-0.6-1896.59	-0.59	0.00	-1.99-1899.16	339.78	0.00	0.00	0.00
88	199	287-16.2	-0.5-1897.11	-0.78	0.82	-1.97-1899.04	347.97	0.00	0.00	0.00
88	200	288-16.4	-0.4-1897.58	-1.65	0.00	-1.95-1901.18	353.90	0.00	0.00	0.00
88	201	289-16.5	-0.4-1897.99	-0.06	0.82	-1.94-1899.17	363.99	0.00	0.00	0.00
88	202	290-16.6	-0.3-1898.36	0.07	0.00	-1.92-1900.20	371.02	0.00	0.00	0.00
88	203	291-16.7	-0.3-1898.66	-2.20	0.82	-1.90-1901.95	377.35	0.00	0.00	0.00
88	204	292-16.9	-0.2-1898.92	-2.09	0.00	-1.89-1902.89	384.48	0.00	0.00	0.00
89	106	195	1.9-11.2-1462.47	0.54	1.08	-6.93-1467.79	35.85	0.00	0.00	0.00
89	107	196	1.7-11.0-1473.58	0.68	1.89	-6.80-1477.81	33.91	0.00	0.00	0.00
89	108	197	1.4-10.8-1484.48	0.86	1.08	-6.67-1489.22	30.57	0.00	0.00	0.00
89	109	198	1.2-10.6-1495.20	1.03	1.89	-6.54-1498.82	29.03	0.00	0.00	0.00
89	110	199	0.9-10.4-1505.72	1.47	1.08	-6.42-1509.59	26.34	0.00	0.00	0.00
89	111	200	0.7-10.2-1516.05	1.74	1.88	-6.30-1518.73	25.27	0.00	0.00	0.00
89	112	201	0.4-10.0-1526.19	1.57	1.08	-6.18-1529.73	22.34	0.00	0.00	0.00
89	113	202	0.2-9.9-1536.15	1.28	1.88	-6.07-1539.07	21.08	0.00	0.00	0.00
89	114	203	-0.1-9.7-1545.93	1.02	1.08	-5.96-1549.79	18.42	0.00	0.00	0.00
89	115	204	-0.3-9.5-1555.52	0.62	1.87	-5.85-1558.89	17.40	0.00	0.00	0.00
89	116	205	-0.6-9.3-1564.94	0.16	1.08	-5.75-1569.46	14.90	0.00	0.00	0.00
89	117	206	-0.8-9.2-1574.19	-0.35	1.87	-5.65-1578.32	14.10	0.00	0.00	0.00
89	118	207	-1.0-9.0-1583.26	-0.94	1.08	-5.55-1588.68	11.82	0.00	0.00	0.00
89	119	208	-1.3-8.8-1592.17	-1.52	1.86	-5.46-1597.28	11.29	0.00	0.00	0.00
89	120	209	-1.5-8.6-1600.90	-2.34	1.08	-5.36-1607.53	9.11	8.89	-2.56	-0.22
89	121	210	-1.7-8.5-1609.48	-2.84	1.86	-5.27-1615.73	8.98	8.62	-3.20	-0.36
89	122	211	-2.0-8.3-1617.89	-3.21	1.08	-5.18-1625.20	7.58	7.09	-3.70	-0.49
89	123	212	-2.2-8.2-1626.13	-3.86	1.85	-5.10-1633.24	7.62	7.24	-4.24	-0.38
89	124	213	-2.4-8.0-1634.22	-4.50	1.08	-5.02-1642.66	6.26	6.10	-4.66	-0.16
89	125	214	-2.7-7.9-1642.16	-5.32	1.85	-4.93-1650.56	6.44	6.38	-5.38	-0.06
89	126	215	-2.9-7.7-1649.94	-5.47	1.08	-4.85-1659.19	5.88	5.97	-5.38	0.09
89	127	216	-3.1-7.6-1657.57	-4.60	1.85	-4.78-1665.10	8.04	8.06	-4.58	0.02
89	128	217	-3.3-7.4-1665.05	-3.67	1.08	-4.70-1672.34	8.87	8.69	-3.85	-0.18
89	129	218	-3.6-7.3-1672.38	-2.74	1.84	-4.63-1677.90	11.38	10.82	-3.30	-0.56
89	130	219	-3.8-7.1-1679.56	-1.63	1.08	-4.56-1684.67	12.68	11.54	-2.77	-1.14
89	131	220	-4.0-7.0-1686.61	-2.34	1.84	-4.49-1691.59	13.84	13.73	-2.45	-0.11
89	132	221	-4.2-6.8-1693.51	-1.96	1.08	-4.42-1698.81	14.69	14.50	-2.15	-0.19
89	133	222	-4.4-6.7-1700.27	-1.96	1.84	-4.35-1704.74	16.83	16.60	-2.19	-0.23
89	134	223	-4.7-6.6-1706.89	-1.38	1.08	-4.28-1711.48	18.16	17.82	-1.72	-0.34
89	135	224	-4.9-6.4-1713.38	-1.06	1.83	-4.22-1716.83	20.89	20.20	-1.75	-0.69
89	136	225	-5.1-6.3-1719.73	-0.79	1.08	-4.16-1723.60	22.18	21.63	-1.34	-0.55
89	137	226	-5.3-6.2-1725.95	-0.83	1.83	-4.10-1729.05	24.81	24.30	-1.34	-0.51
89	138	227	-5.5-6.0-1732.04	-0.53	1.08	-4.04-1735.53	26.40	25.85	-1.08	-0.55
89	139	228	-5.7-5.9-1738.00	-0.52	1.82	-3.98-1740.67	29.33	28.89	-0.96	-0.44
89	140	229	-5.9-5.8-1743.83	-0.27	1.08	-3.92-1746.95	31.12	30.90	-0.49	-0.22
89	141	230	-6.1-5.6-1749.54	-0.47	1.82	-3.87-1752.06	34.09	0.00	0.00	0.00
89	142	231	-6.3-5.5-1755.12	-0.38	1.08	-3.82-1758.24	35.97	35.91	-0.44	-0.06
89	143	232	-6.5-5.4-1760.59	-0.54	1.82	-3.76-1763.07	39.21	0.00	0.00	0.00
89	144	233	-6.7-5.3-1765.93	-0.45	1.08	-3.71-1769.01	41.34	0.00	0.00	0.00
89	145	234	-6.9-5.2-1771.15	-0.63	1.81	-3.66-1773.63	44.80	0.00	0.00	0.00
89	146	235	-7.1-5.0-1776.26	-0.43	1.08	-3.61-1779.22	47.28	0.00	0.00	0.00
89	147	236	-7.3-4.9-1781.25	-0.77	1.81	-3.56-1783.77	50.81	0.00	0.00	0.00
89	148	237	-7.5-4.8-1786.12	-0.57	1.08	-3.51-1789.13	53.51	0.00	0.00	0.00
89	149	238	-7.7-4.7-1790.88	-0.84	1.81	-3.47-1793.38	57.33	0.00	0.00	0.00
89	150	239	-7.9-4.6-1795.53	-0.62	1.08	-3.42-1798.50	60.28	0.00	0.00	0.00
89	151	240	-8.1-4.5-1800.08	-0.97	1.81	-3.38-1802.62	64.24	0.00	0.00	0.00
89	152	241	-8.3-4.4-1804.51	-0.70	1.08	-3.34-1807.47	67.46	0.00	0.00	0.00
89	153	242	-8.5-4.3-1808.84	-0.43	1.80	-3.29-1810.76	72.24	0.00	0.00	0.00
89	154	243	-8.7-4.2-1813.06	-0.04	1.08	-3.25-1815.27	75.80	0.00	0.00	0.00
89	155	244	-8.9-4.1-1817.17	0.23	1.80	-3.21-1818.35	80.79	0.00	0.00	0.00
89	156	245	-9.0-4.0-1821.19	0.55	1.08	-3.17-1822.73	84.48	0.00	0.00	0.00
89	157	246	-9.2-3.9-1825.10	0.55	1.80	-3.13-1825.88	89.40	0.00	0.00	0.00

89	158	247	-9.4	-3.8	-1828.91	0.74	1.08	-3.09	-1830.19	93.17	0.00	0.00	0.00
89	159	248	-9.6	-3.7	-1832.62	0.49	1.79	-3.06	-1833.40	98.03	0.00	0.00	0.00
89	160	249	-9.8	-3.6	-1836.24	0.52	1.08	-3.02	-1837.67	101.83	0.00	0.00	0.00
89	161	250	-10.0	-3.5	-1839.76	0.21	1.79	-2.98	-1840.74	106.83	0.00	0.00	0.00
89	162	251	-10.1	-3.4	-1843.18	0.26	1.08	-2.95	-1844.80	110.85	0.00	0.00	0.00
89	163	252	-10.3	-3.3	-1846.52	0.05	1.79	-2.91	-1847.59	116.12	0.00	0.00	0.00
89	164	253	-10.5	-3.2	-1849.75	0.32	1.08	-2.88	-1851.24	120.55	0.00	0.00	0.00
89	165	254	-10.7	-3.1	-1852.90	1.46	1.79	-2.85	-1852.50	127.36	0.00	0.00	0.00
89	166	255	-10.8	-3.0	-1855.96	1.48	1.08	-2.81	-1856.22	131.71	0.00	0.00	0.00
89	167	256	-11.0	-2.9	-1858.92	0.93	1.78	-2.78	-1858.99	137.01	0.00	0.00	0.00
89	168	257	-11.2	-2.8	-1861.80	0.45	1.08	-2.75	-1863.03	141.04	0.00	0.00	0.00
89	169	258	-11.3	-2.7	-1864.60	-0.04	1.78	-2.72	-1865.57	146.57	0.00	0.00	0.00
89	170	259	-11.5	-2.7	-1867.30	-0.33	1.08	-2.69	-1869.25	150.97	0.00	0.00	0.00
89	171	260	-11.7	-2.6	-1869.93	-0.79	1.78	-2.66	-1871.60	156.69	0.00	0.00	0.00
89	172	261	-11.8	-2.5	-1872.46	-2.12	1.08	-2.63	-1876.14	160.22	0.00	0.00	0.00
89	173	262	-12.0	-2.4	-1874.92	-1.58	1.78	-2.60	-1877.33	167.10	0.00	0.00	0.00
89	174	263	-12.2	-2.3	-1877.30	-1.75	1.08	-2.57	-1880.55	171.95	0.00	0.00	0.00
89	175	264	-12.3	-2.3	-1879.59	-2.41	1.77	-2.55	-1882.78	177.80	0.00	0.00	0.00
89	176	265	-12.5	-2.2	-1881.81	-3.05	1.08	-2.52	-1886.30	182.34	0.00	0.00	0.00
89	177	266	-12.6	-2.1	-1883.95	-3.60	1.77	-2.49	-1888.27	188.44	0.00	0.00	0.00
89	178	267	-12.8	-2.0	-1886.01	-3.62	1.08	-2.47	-1891.02	193.77	0.00	0.00	0.00
89	179	268	-13.0	-1.9	-1887.99	-3.98	1.77	-2.44	-1892.65	200.21	0.00	0.00	0.00
89	180	269	-13.1	-1.9	-1889.90	-4.11	1.08	-2.42	-1895.35	205.58	0.00	0.00	0.00
89	181	270	-13.3	-1.8	-1891.74	-4.60	1.77	-2.39	-1896.96	212.04	0.00	0.00	0.00
89	182	271	-13.4	-1.7	-1893.50	-4.54	1.08	-2.37	-1899.33	217.74	0.00	0.00	0.00
89	183	272	-13.6	-1.6	-1895.19	-4.93	1.76	-2.34	-1900.70	224.44	0.00	0.00	0.00
89	184	273	-13.7	-1.6	-1896.81	-4.55	1.08	-2.32	-1902.60	230.61	0.00	0.00	0.00
89	185	274	-13.9	-1.5	-1898.36	-3.69	1.76	-2.30	-1902.58	238.70	0.00	0.00	0.00
89	186	275	-14.0	-1.4	-1899.83	-3.07	1.08	-2.27	-1904.10	245.25	0.00	0.00	0.00
89	187	276	-14.2	-1.4	-1901.25	-2.11	1.76	-2.25	-1903.85	253.58	0.00	0.00	0.00
89	188	277	-14.3	-1.3	-1902.59	-1.36	1.08	-2.23	-1905.10	260.40	0.00	0.00	0.00
89	189	278	-14.5	-1.2	-1903.86	-1.46	1.76	-2.21	-1905.77	267.80	0.00	0.00	0.00
89	190	279	-14.6	-1.2	-1905.07	-1.31	1.08	-2.19	-1907.49	274.15	0.00	0.00	0.00
89	191	280	-14.7	-1.1	-1906.22	-1.44	1.75	-2.17	-1908.07	281.65	0.00	0.00	0.00
89	192	281	-14.9	-1.0	-1907.30	-1.36	1.08	-2.14	-1909.73	288.06	0.00	0.00	0.00
89	193	282	-15.0	-1.0	-1908.32	-1.63	1.75	-2.12	-1910.32	295.54	0.00	0.00	0.00
89	194	283	-15.2	-0.9	-1909.27	-1.44	1.08	-2.10	-1911.74	302.19	0.00	0.00	0.00
89	195	284	-15.3	-0.9	-1910.17	-1.63	1.75	-2.09	-1912.13	309.87	0.00	0.00	0.00
89	196	285	-15.4	-0.8	-1911.00	-1.36	1.08	-2.07	-1913.35	316.72	0.00	0.00	0.00
89	197	286	-15.6	-0.7	-1911.77	-1.31	1.75	-2.05	-1913.38	324.76	0.00	0.00	0.00
89	198	287	-15.7	-0.7	-1912.49	-1.16	1.08	-2.03	-1914.60	331.61	0.00	0.00	0.00
89	199	288	-15.8	-0.6	-1913.14	-1.98	1.75	-2.01	-1915.39	338.90	0.00	0.00	0.00
89	200	289	-16.0	-0.6	-1913.74	-1.83	1.08	-1.99	-1916.49	345.87	0.00	0.00	0.00
89	201	290	-16.1	-0.5	-1914.29	-0.30	1.74	-1.97	-1914.82	355.61	0.00	0.00	0.00
89	202	291	-16.2	-0.5	-1914.77	-0.20	1.08	-1.96	-1915.85	362.65	0.00	0.00	0.00
89	203	292	-16.3	-0.4	-1915.20	-2.38	1.74	-1.94	-1917.78	368.79	0.00	0.00	0.00
89	204	293	-16.5	-0.3	-1915.58	-2.23	1.08	-1.92	-1918.66	375.98	0.00	0.00	0.00
89	205	294	-16.6	-0.3	-1915.91	-2.49	1.74	-1.91	-1918.56	384.15	0.00	0.00	0.00
89	206	295	-16.7	-0.2	-1916.18	-2.29	1.08	-1.89	-1919.29	391.50	0.00	0.00	0.00
90	108	198	1.9	-11.1	-1482.85	0.87	0.00	-6.83	-1488.81	38.25	0.00	0.00	0.00
90	109	199	1.6	-10.9	-1493.82	0.99	1.00	-6.70	-1498.52	36.61	0.00	0.00	0.00
90	110	200	1.4	-10.7	-1504.59	1.25	0.00	-6.57	-1509.91	33.29	0.00	0.00	0.00
90	111	201	1.1	-10.5	-1515.17	1.74	1.00	-6.45	-1518.87	32.40	0.00	0.00	0.00
90	112	202	0.9	-10.3	-1525.55	1.96	0.00	-6.33	-1529.92	29.42	0.00	0.00	0.00
90	113	203	0.6	-10.1	-1535.76	1.70	0.99	-6.21	-1539.28	28.14	0.00	0.00	0.00
90	114	204	0.4	-9.9	-1545.78	1.48	0.00	-6.10	-1550.40	25.09	0.00	0.00	0.00
90	115	205	0.1	-9.7	-1555.62	1.10	0.99	-5.99	-1559.52	24.03	0.00	0.00	0.00
90	116	206	-0.1	-9.6	-1565.28	0.65	0.00	-5.89	-1570.51	21.11	0.00	0.00	0.00
90	117	207	-0.3	-9.4	-1574.76	0.11	0.98	-5.78	-1579.46	20.24	0.00	0.00	0.00
90	118	208	-0.6	-9.2	-1584.08	-0.53	0.00	-5.68	-1590.29	17.48	0.00	0.00	0.00
90	119	209	-0.8	-9.1	-1593.22	-1.12	0.98	-5.58	-1598.94	16.90	0.00	0.00	0.00
90	120	210	-1.1	-8.9	-1602.19	-1.71	0.00	-5.49	-1609.39	14.53	0.00	0.00	0.00
90	121	211	-1.3	-8.7	-1610.99	-2.23	0.97	-5.40	-1617.65	14.34	0.00	0.00	0.00
90	122	212	-1.5	-8.6	-1619.64	-2.55	0.00	-5.30	-1627.49	12.57	0.00	0.00	0.00
90	123	213	-1.8	-8.4	-1628.12	-3.22	0.97	-5.22	-1635.59	12.54	0.00	0.00	0.00
90	124	214	-2.0	-8.2	-1636.44	-3.75	0.00	-5.13	-1645.32	10.88	0.00	0.00	0.00

90	125	215	-2.2	-8.1	-1644.60	-4.56	0.96	-5.05	-1653.25	11.03	10.89	-4.70	-0.14
90	126	216	-2.4	-7.9	-1652.61	-4.65	0.00	-4.97	-1662.22	10.12	0.00	0.00	0.00
90	127	217	-2.7	-7.8	-1660.46	-3.84	0.95	-4.89	-1668.23	12.18	12.16	-3.86	-0.02
90	128	218	-2.9	-7.6	-1668.16	-2.92	0.00	-4.81	-1675.89	12.59	12.35	-3.16	-0.24
90	129	219	-3.1	-7.5	-1675.72	-2.07	0.95	-4.73	-1681.57	14.99	14.45	-2.61	-0.54
90	130	220	-3.3	-7.3	-1683.12	-1.19	0.00	-4.66	-1688.97	15.65	14.65	-2.19	-1.00
90	131	221	-3.6	-7.2	-1690.39	-1.79	0.95	-4.59	-1695.82	16.88	16.92	-1.75	0.04
90	132	222	-3.8	-7.0	-1697.50	-1.44	0.00	-4.52	-1703.46	17.31	17.18	-1.57	-0.13
90	133	223	-4.0	-6.9	-1704.48	-1.43	0.94	-4.45	-1709.42	19.42	19.36	-1.49	-0.06
90	134	224	-4.2	-6.8	-1711.32	-0.65	0.00	-4.38	-1716.35	20.56	19.98	-1.23	-0.58
90	135	225	-4.4	-6.6	-1718.02	-0.76	0.94	-4.32	-1722.16	22.82	22.28	-1.30	-0.54
90	136	226	-4.6	-6.5	-1724.59	-0.19	0.00	-4.25	-1729.03	24.03	23.18	-1.04	-0.85
90	137	227	-4.8	-6.4	-1731.02	-0.45	0.93	-4.19	-1734.73	26.40	25.80	-1.05	-0.60
90	138	228	-5.0	-6.2	-1737.32	-0.30	0.00	-4.13	-1741.75	27.45	26.75	-1.00	-0.70
90	139	229	-5.3	-6.1	-1743.49	-0.52	0.93	-4.07	-1747.15	30.12	29.58	-1.06	-0.54
90	140	230	-5.5	-6.0	-1749.53	-0.43	0.00	-4.01	-1753.97	31.37	30.86	-0.94	-0.51
90	141	231	-5.7	-5.8	-1755.44	-0.67	0.92	-3.96	-1759.14	34.27	33.81	-1.13	-0.46
90	142	232	-5.9	-5.7	-1761.23	-0.60	0.00	-3.90	-1765.73	35.76	35.44	-0.92	-0.32
90	143	233	-6.1	-5.6	-1766.89	-0.78	0.92	-3.85	-1770.60	38.95	38.73	-1.00	-0.22
90	144	234	-6.3	-5.5	-1772.44	-0.66	0.00	-3.79	-1776.89	40.74	40.61	-0.79	-0.13
90	145	235	-6.5	-5.4	-1777.86	-0.84	0.91	-3.74	-1781.53	44.17	44.25	-0.76	0.08
90	146	236	-6.7	-5.2	-1783.16	-0.67	0.00	-3.69	-1787.53	46.25	0.00	0.00	0.00
90	147	237	-6.9	-5.1	-1788.35	-1.02	0.91	-3.64	-1792.10	49.74	0.00	0.00	0.00
90	148	238	-7.1	-5.0	-1793.42	-0.82	0.00	-3.59	-1797.84	52.08	0.00	0.00	0.00
90	149	239	-7.3	-4.9	-1798.38	-1.03	0.91	-3.55	-1802.05	55.93	0.00	0.00	0.00
90	150	240	-7.5	-4.8	-1803.23	-0.81	0.00	-3.50	-1807.54	58.52	0.00	0.00	0.00
90	151	241	-7.7	-4.7	-1807.96	-1.16	0.90	-3.45	-1811.67	62.46	0.00	0.00	0.00
90	152	242	-7.8	-4.6	-1812.58	-0.89	0.00	-3.41	-1816.88	65.32	0.00	0.00	0.00
90	153	243	-8.0	-4.5	-1817.10	-0.60	0.90	-3.37	-1820.17	70.10	0.00	0.00	0.00
90	154	244	-8.2	-4.4	-1821.51	-0.19	0.00	-3.32	-1825.02	73.32	0.00	0.00	0.00
90	155	245	-8.4	-4.2	-1825.81	0.11	0.89	-3.28	-1828.09	78.32	0.00	0.00	0.00
90	156	246	-8.6	-4.1	-1830.01	0.44	0.00	-3.24	-1832.81	81.67	0.00	0.00	0.00
90	157	247	-8.8	-4.0	-1834.11	0.37	0.89	-3.20	-1836.05	86.51	0.00	0.00	0.00
90	158	248	-9.0	-3.9	-1838.10	0.66	0.00	-3.16	-1840.61	90.02	0.00	0.00	0.00
90	159	249	-9.2	-3.8	-1842.00	0.43	0.89	-3.12	-1843.81	94.89	0.00	0.00	0.00
90	160	250	-9.3	-3.7	-1845.80	0.48	0.00	-3.09	-1848.40	98.37	0.00	0.00	0.00
90	161	251	-9.5	-3.6	-1849.50	0.17	0.88	-3.05	-1851.49	103.35	0.00	0.00	0.00
90	162	252	-9.7	-3.6	-1853.10	0.22	0.00	-3.01	-1855.89	107.02	0.00	0.00	0.00
90	163	253	-9.9	-3.5	-1856.60	0.09	0.88	-2.98	-1858.61	112.37	0.00	0.00	0.00
90	164	254	-10.0	-3.4	-1860.02	0.42	0.00	-2.94	-1862.54	116.52	0.00	0.00	0.00
90	165	255	-10.2	-3.3	-1863.34	0.55	0.88	-2.91	-1864.82	122.31	0.00	0.00	0.00
90	166	256	-10.4	-3.2	-1866.57	1.58	0.00	-2.87	-1867.86	127.34	0.00	0.00	0.00
90	167	257	-10.6	-3.1	-1869.71	1.04	0.87	-2.84	-1870.64	132.63	0.00	0.00	0.00
90	168	258	-10.7	-3.0	-1872.76	0.76	0.00	-2.81	-1874.81	136.53	0.00	0.00	0.00
90	169	259	-10.9	-2.9	-1875.72	0.07	0.87	-2.78	-1877.56	141.85	0.00	0.00	0.00
90	170	260	-11.1	-2.8	-1878.60	-0.04	0.00	-2.75	-1881.38	146.10	0.00	0.00	0.00
90	171	261	-11.2	-2.7	-1881.38	-0.57	0.86	-2.72	-1883.81	151.75	0.00	0.00	0.00
90	172	262	-11.4	-2.7	-1884.09	-1.66	0.00	-2.69	-1888.44	155.19	0.00	0.00	0.00
90	173	263	-11.6	-2.6	-1886.71	-1.17	0.86	-2.66	-1889.68	162.02	0.00	0.00	0.00
90	174	264	-11.7	-2.5	-1889.25	-1.28	0.00	-2.63	-1893.16	166.61	0.00	0.00	0.00
90	175	265	-11.9	-2.4	-1891.71	-1.93	0.86	-2.60	-1895.38	172.46	0.00	0.00	0.00
90	176	266	-12.1	-2.3	-1894.08	-2.50	0.00	-2.57	-1899.15	176.76	0.00	0.00	0.00
90	177	267	-12.2	-2.3	-1896.38	-3.04	0.85	-2.54	-1901.11	182.88	0.00	0.00	0.00
90	178	268	-12.4	-2.2	-1898.60	-3.08	0.00	-2.52	-1904.20	187.86	0.00	0.00	0.00
90	179	269	-12.5	-2.1	-1900.74	-3.34	0.85	-2.49	-1905.72	194.41	0.00	0.00	0.00
90	180	270	-12.7	-2.0	-1902.81	-3.47	0.00	-2.47	-1908.74	199.46	0.00	0.00	0.00
90	181	271	-12.8	-1.9	-1904.80	-3.93	0.85	-2.44	-1910.32	205.95	0.00	0.00	0.00
90	182	272	-13.0	-1.9	-1906.71	-3.88	0.00	-2.42	-1913.01	211.34	0.00	0.00	0.00
90	183	273	-13.1	-1.8	-1908.55	-4.19	0.85	-2.39	-1914.29	218.13	0.00	0.00	0.00
90	184	274	-13.3	-1.7	-1910.32	-3.80	0.00	-2.37	-1916.49	224.00	0.00	0.00	0.00
90	185	275	-13.4	-1.7	-1912.02	-2.92	0.84	-2.34	-1916.44	232.12	0.00	0.00	0.00
90	186	276	-13.6	-1.6	-1913.65	-2.32	0.00	-2.32	-1918.29	238.34	0.00	0.00	0.00
90	187	277	-13.7	-1.5	-1915.20	-1.43	0.84	-2.30	-1918.09	246.61	0.00	0.00	0.00
90	188	278	-13.9	-1.5	-1916.69	-0.81	0.00	-2.28	-1919.78	252.99	0.00	0.00	0.00
90	189	279	-14.0	-1.4	-1918.11	-1.35	0.84	-2.25	-1920.88	259.96	0.00	0.00	0.00
90	190	280	-14.2	-1.3	-1919.47	-1.19	0.00	-2.23	-1922.89	266.03	0.00	0.00	0.00

90	191	281-14.3	-1.3-1920.75	-1.31	0.83	-2.21-1923.44	273.55	0.00	0.00	0.00	
90	192	282-14.5	-1.2-1921.97	-1.13	0.00	-2.19-1925.29	279.76	0.00	0.00	0.00	
90	193	283-14.6	-1.1-1923.13	-1.44	0.83	-2.17-1925.91	287.22	0.00	0.00	0.00	
90	194	284-14.7	-1.1-1924.23	-1.31	0.00	-2.15-1927.68	293.52	0.00	0.00	0.00	
90	195	285-14.9	-1.0-1925.26	-1.50	0.83	-2.13-1928.06	301.21	0.00	0.00	0.00	
90	196	286-15.0	-0.9-1926.23	-1.24	0.00	-2.11-1929.57	307.77	0.00	0.00	0.00	
90	197	287-15.2	-0.9-1927.13	-1.21	0.82	-2.09-1929.61	315.81	0.00	0.00	0.00	
90	198	288-15.3	-0.8-1927.98	-1.50	0.00	-2.07-1931.55	321.93	0.00	0.00	0.00	
90	199	289-15.4	-0.8-1928.77	-1.79	0.82	-2.05-1931.79	329.77	0.00	0.00	0.00	
90	200	290-15.6	-0.7-1929.50	-0.06	0.00	-2.03-1931.59	338.03	0.00	0.00	0.00	
90	201	291-15.7	-0.6-1930.17	-0.38	0.82	-2.01-1931.75	345.95	0.00	0.00	0.00	
90	202	292-15.8	-0.6-1930.79	-0.26	0.00	-2.00-1933.05	352.72	0.00	0.00	0.00	
90	203	293-15.9	-0.5-1931.35	-2.26	0.82	-1.98-1934.77	359.07	0.00	0.00	0.00	
90	204	294-16.1	-0.5-1931.85	-2.11	0.00	-1.96-1935.93	365.99	0.00	0.00	0.00	
90	205	295-16.2	-0.4-1932.30	-2.37	0.81	-1.95-1935.80	374.18	0.00	0.00	0.00	
90	206	296-16.3	-0.4-1932.70	-2.17	0.00	-1.93-1936.80	381.26	0.00	0.00	0.00	
90	207	297-16.4	-0.3-1933.04	-2.24	0.81	-1.91-1936.38	389.75	0.00	0.00	0.00	
90	208	298-16.6	-0.3-1933.33	-1.64	0.00	-1.90-1936.87	397.33	0.00	0.00	0.00	
90	209	299-16.7	-0.2-1933.57	-2.21	0.81	-1.88-1936.85	405.42	0.00	0.00	0.00	
91	109	200	2.0-11.1-1492.00	0.68	1.88	-6.85-1496.29	46.11	0.00	0.00	0.00	
91	110	201	1.8-10.9-1503.02	0.96	1.07	-6.72-1507.71	42.76	0.00	0.00	0.00	
91	111	202	1.5-10.7-1513.84	1.55	1.87	-6.60-1517.01	41.53	0.00	0.00	0.00	
91	112	203	1.3-10.5-1524.48	1.57	1.07	-6.48-1528.32	38.30	0.00	0.00	0.00	
91	113	204	1.1-10.4-1534.92	1.48	1.87	-6.36-1537.93	36.75	0.00	0.00	0.00	
91	114	205	0.8-10.2-1545.19	1.47	1.07	-6.24-1548.89	33.86	0.00	0.00	0.00	
91	115	206	0.6-10.0-1555.27	1.11	1.86	-6.13-1558.42	32.40	0.00	0.00	0.00	
91	116	207	0.3	-9.8-1565.17	0.95	1.07	-6.02-1569.17	29.72	0.00	0.00	0.00
91	117	208	0.1	-9.6-1574.90	0.41	1.86	-5.92-1578.54	28.43	0.00	0.00	0.00
91	118	209	-0.1	-9.5-1584.44	-0.18	1.07	-5.81-1589.37	25.67	0.00	0.00	0.00
91	119	210	-0.4	-9.3-1593.82	-0.73	1.86	-5.71-1598.41	24.71	0.00	0.00	0.00
91	120	211	-0.6	-9.1-1603.03	-1.29	1.07	-5.61-1608.86	22.32	0.00	0.00	0.00
91	121	212	-0.8	-9.0-1612.07	-1.66	1.85	-5.52-1617.39	21.86	0.00	0.00	0.00
91	122	213	-1.1	-8.8-1620.94	-1.95	1.07	-5.43-1627.25	20.08	0.00	0.00	0.00
91	123	214	-1.3	-8.6-1629.65	-2.55	1.85	-5.34-1635.69	19.71	0.00	0.00	0.00
91	124	215	-1.5	-8.5-1638.20	-3.05	1.07	-5.25-1645.43	18.04	17.68	-3.41	-0.36
91	125	216	-1.8	-8.3-1646.59	-3.79	1.84	-5.16-1653.70	17.84	17.68	-3.95	-0.16
91	126	217	-2.0	-8.2-1654.82	-3.91	1.07	-5.08-1662.75	16.87	17.02	-3.76	0.15
91	127	218	-2.2	-8.0-1662.90	-3.03	1.84	-5.00-1669.09	18.59	18.60	-3.02	0.01
91	128	219	-2.4	-7.8-1670.83	-2.14	1.07	-4.92-1676.82	18.93	18.48	-2.59	-0.45
91	129	220	-2.7	-7.7-1678.61	-0.83	1.84	-4.84-1682.44	21.39	20.32	-1.90	-1.07
91	130	221	-2.9	-7.6-1686.23	0.16	1.07	-4.77-1689.77	22.13	0.00	0.00	0.00
91	131	222	-3.1	-7.4-1693.72	-1.53	1.83	-4.69-1698.11	21.86	21.94	-1.45	0.08
91	132	223	-3.3	-7.3-1701.05	-1.10	1.07	-4.62-1705.71	22.34	22.31	-1.13	-0.03
91	133	224	-3.5	-7.1-1708.25	-0.95	1.83	-4.55-1711.92	24.19	23.78	-1.36	-0.41
91	134	225	-3.8	-7.0-1715.30	-0.62	1.07	-4.48-1719.33	24.85	24.32	-1.15	-0.53
91	135	226	-4.0	-6.8-1722.22	-0.39	1.82	-4.41-1725.19	27.06	26.01	-1.44	-1.05
91	136	227	-4.2	-6.7-1728.99	-0.49	1.07	-4.35-1732.77	27.56	26.83	-1.22	-0.73
91	137	228	-4.4	-6.6-1735.64	-0.74	1.82	-4.29-1738.84	29.56	28.86	-1.44	-0.70
91	138	229	-4.6	-6.4-1742.15	-0.60	1.07	-4.22-1745.90	30.57	29.89	-1.28	-0.68
91	139	230	-4.8	-6.3-1748.52	-0.88	1.82	-4.16-1751.75	32.79	32.17	-1.50	-0.62
91	140	231	-5.0	-6.2-1754.77	-0.79	1.07	-4.10-1758.60	34.02	33.42	-1.39	-0.60
91	141	232	-5.2	-6.1-1760.89	-1.03	1.81	-4.04-1764.15	36.53	35.92	-1.64	-0.61
91	142	233	-5.4	-5.9-1766.88	-0.98	1.07	-3.99-1770.78	37.97	37.49	-1.46	-0.48
91	143	234	-5.6	-5.8-1772.75	-1.21	1.81	-3.93-1776.08	40.74	40.33	-1.62	-0.41
91	144	235	-5.8	-5.7-1778.50	-1.06	1.07	-3.88-1782.37	42.53	42.33	-1.26	-0.20
91	145	236	-6.0	-5.6-1784.12	-1.27	1.81	-3.83-1787.41	45.56	45.34	-1.49	-0.22
91	146	237	-6.2	-5.4-1789.63	-1.04	1.07	-3.77-1793.37	47.67	47.64	-1.07	-0.03
91	147	238	-6.4	-5.3-1795.01	-1.41	1.80	-3.72-1798.34	50.78	50.77	-1.42	-0.01
91	148	239	-6.6	-5.2-1800.28	-1.21	1.07	-3.67-1804.09	53.09	0.00	0.00	0.00
91	149	240	-6.8	-5.1-1805.43	-1.40	1.80	-3.62-1808.65	56.60	0.00	0.00	0.00
91	150	241	-7.0	-5.0-1810.47	-1.18	1.07	-3.58-1814.16	59.17	0.00	0.00	0.00
91	151	242	-7.2	-4.9-1815.40	-1.33	1.80	-3.53-1818.46	62.94	0.00	0.00	0.00
91	152	243	-7.4	-4.8-1820.21	-1.29	1.07	-3.48-1823.92	65.55	0.00	0.00	0.00
91	153	244	-7.6	-4.6-1824.92	-1.17	1.80	-3.44-1827.73	69.81	0.00	0.00	0.00
91	154	245	-7.8	-4.5-1829.52	-0.54	1.07	-3.40-1832.39	73.23	0.00	0.00	0.00
91	155	246	-8.0	-4.4-1834.01	-0.16	1.79	-3.35-1835.73	77.96	0.00	0.00	0.00

91	156	247	-8.2	-4.3-1838.39	0.14	1.07	-3.31-1840.50	81.26	0.00	0.00	0.00
91	157	248	-8.3	-4.2-1842.68	0.12	1.79	-3.27-1844.04	85.79	0.00	0.00	0.00
91	158	249	-8.5	-4.1-1846.85	0.37	1.07	-3.23-1848.65	89.25	0.00	0.00	0.00
91	159	250	-8.7	-4.0-1850.93	0.20	1.79	-3.19-1852.14	93.83	0.00	0.00	0.00
91	160	251	-8.9	-3.9-1854.91	0.27	1.07	-3.15-1856.72	97.32	0.00	0.00	0.00
91	161	252	-9.1	-3.8-1858.79	0.01	1.78	-3.11-1860.11	102.00	0.00	0.00	0.00
91	162	253	-9.2	-3.7-1862.57	0.10	1.07	-3.08-1864.48	105.70	0.00	0.00	0.00
91	163	254	-9.4	-3.6-1866.25	-0.03	1.78	-3.04-1867.54	110.71	0.00	0.00	0.00
91	164	255	-9.6	-3.5-1869.84	0.34	1.07	-3.00-1871.44	114.89	0.00	0.00	0.00
91	165	256	-9.8	-3.4-1873.34	0.60	1.78	-2.97-1873.93	120.47	0.00	0.00	0.00
91	166	257	-10.0	-3.4-1876.74	0.66	1.07	-2.94-1877.95	124.52	0.00	0.00	0.00
91	167	258	-10.1	-3.3-1880.06	1.09	1.78	-2.90-1880.09	130.45	0.00	0.00	0.00
91	168	259	-10.3	-3.2-1883.28	0.83	1.07	-2.87-1884.25	134.37	0.00	0.00	0.00
91	169	260	-10.5	-3.1-1886.41	0.39	1.77	-2.84-1887.08	139.60	0.00	0.00	0.00
91	170	261	-10.6	-3.0-1889.45	0.16	1.07	-2.80-1891.03	143.73	0.00	0.00	0.00
91	171	262	-10.8	-2.9-1892.41	-0.27	1.77	-2.77-1893.68	149.15	0.00	0.00	0.00
91	172	263	-11.0	-2.8-1895.28	-1.37	1.07	-2.74-1898.33	152.57	0.00	0.00	0.00
91	173	264	-11.1	-2.7-1898.06	-0.82	1.77	-2.71-1899.83	159.14	0.00	0.00	0.00
91	174	265	-11.3	-2.7-1900.77	-0.93	1.07	-2.68-1903.31	163.73	0.00	0.00	0.00
91	175	266	-11.5	-2.6-1903.39	-1.48	1.77	-2.65-1905.76	169.36	0.00	0.00	0.00
91	176	267	-11.6	-2.5-1905.93	-2.11	1.07	-2.63-1909.59	173.59	0.00	0.00	0.00
91	177	268	-11.8	-2.4-1908.38	-2.62	1.76	-2.60-1911.84	179.42	0.00	0.00	0.00
91	178	269	-11.9	-2.3-1910.76	-2.64	1.07	-2.57-1914.90	184.42	0.00	0.00	0.00
91	179	270	-12.1	-2.3-1913.06	-2.88	1.76	-2.54-1916.72	190.68	0.00	0.00	0.00
91	180	271	-12.3	-2.2-1915.28	-2.99	1.07	-2.52-1919.72	195.75	0.00	0.00	0.00
91	181	272	-12.4	-2.1-1917.43	-3.43	1.76	-2.49-1921.59	201.95	0.00	0.00	0.00
91	182	273	-12.6	-2.0-1919.50	-3.34	1.07	-2.47-1924.23	207.38	0.00	0.00	0.00
91	183	274	-12.7	-2.0-1921.49	-3.64	1.76	-2.44-1925.81	213.87	0.00	0.00	0.00
91	184	275	-12.9	-1.9-1923.41	-3.22	1.07	-2.42-1927.98	219.77	0.00	0.00	0.00
91	185	276	-13.0	-1.8-1925.26	-2.34	1.75	-2.39-1928.24	227.59	0.00	0.00	0.00
91	186	277	-13.2	-1.7-1927.04	-1.75	1.07	-2.37-1930.09	233.81	0.00	0.00	0.00
91	187	278	-13.3	-1.7-1928.74	-0.91	1.75	-2.34-1930.24	241.73	0.00	0.00	0.00
91	188	279	-13.5	-1.6-1930.38	-1.24	1.07	-2.32-1932.87	247.17	0.00	0.00	0.00
91	189	280	-13.6	-1.5-1931.94	-1.42	1.75	-2.30-1933.91	254.20	0.00	0.00	0.00
91	190	281	-13.8	-1.5-1933.44	-1.18	1.07	-2.28-1935.83	260.35	0.00	0.00	0.00
91	191	282	-13.9	-1.4-1934.87	-1.34	1.75	-2.26-1936.72	267.54	0.00	0.00	0.00
91	192	283	-14.1	-1.3-1936.24	-1.23	1.07	-2.23-1938.63	273.70	0.00	0.00	0.00
91	193	284	-14.2	-1.3-1937.53	-1.56	1.74	-2.21-1939.56	280.84	0.00	0.00	0.00
91	194	285	-14.3	-1.2-1938.77	-1.41	1.07	-2.19-1941.30	287.17	0.00	0.00	0.00
91	195	286	-14.5	-1.1-1939.94	-1.67	1.74	-2.17-1942.04	294.50	0.00	0.00	0.00
91	196	287	-14.6	-1.1-1941.04	-1.48	1.07	-2.15-1943.61	301.01	0.00	0.00	0.00
91	197	288	-14.7	-1.0-1942.09	-1.69	1.74	-2.13-1944.17	308.51	0.00	0.00	0.00
91	198	289	-14.9	-0.9-1943.07	-1.59	1.07	-2.11-1945.71	315.05	0.00	0.00	0.00
91	199	290	-15.0	-0.9-1944.00	-1.81	1.74	-2.09-1946.16	322.67	0.00	0.00	0.00
91	200	291	-15.2	-0.8-1944.86	-0.36	1.07	-2.07-1946.22	330.67	0.00	0.00	0.00
91	201	292	-15.3	-0.8-1945.66	-0.70	1.74	-2.06-1946.68	338.29	0.00	0.00	0.00
91	202	293	-15.4	-0.7-1946.41	-0.60	1.07	-2.04-1947.98	345.06	0.00	0.00	0.00
91	203	294	-15.5	-0.7-1947.10	-0.83	1.73	-2.02-1948.21	352.90	0.00	0.00	0.00
91	204	295	-15.7	-0.6-1947.73	-2.12	1.07	-2.00-1950.78	358.40	0.00	0.00	0.00
91	205	296	-15.8	-0.5-1948.30	-2.42	1.73	-1.98-1950.97	366.28	0.00	0.00	0.00
91	206	297	-15.9	-0.5-1948.82	-2.05	1.07	-1.97-1951.77	373.55	0.00	0.00	0.00
91	207	298	-16.1	-0.4-1949.29	-2.05	1.73	-1.95-1951.56	381.84	0.00	0.00	0.00
91	208	299	-16.2	-0.4-1949.70	-1.72	1.07	-1.93-1952.29	389.18	0.00	0.00	0.00
91	209	300	-16.3	-0.3-1950.07	-1.26	1.73	-1.92-1951.51	398.03	0.00	0.00	0.00
91	210	301	-16.4	-0.3-1950.37	-2.42	1.07	-1.90-1953.63	403.99	0.00	0.00	0.00
91	211	302	-16.5	-0.2-1950.63	-2.54	1.73	-1.88-1953.33	412.35	0.00	0.00	0.00
92	111	203	2.0-11.0-1512.08	1.32	1.00	-6.75-1516.51	49.30	0.00	0.00	0.00	
92	112	204	1.7-10.8-1522.96	1.50	0.00	-6.62-1528.09	45.80	0.00	0.00	0.00	
92	113	205	1.5-10.6-1533.65	1.46	0.99	-6.50-1537.70	44.25	0.00	0.00	0.00	
92	114	206	1.3-10.4-1544.16	1.57	0.00	-6.39-1548.97	41.05	0.00	0.00	0.00	
92	115	207	1.0-10.2-1554.48	1.20	0.99	-6.27-1558.56	39.53	0.00	0.00	0.00	
92	116	208	0.8-10.0-1564.62	1.08	0.00	-6.16-1569.70	36.47	0.00	0.00	0.00	
92	117	209	0.5-9.9-1574.59	0.79	0.98	-6.05-1578.86	35.38	0.00	0.00	0.00	
92	118	210	0.3-9.7-1584.37	0.18	0.00	-5.95-1590.14	32.18	0.00	0.00	0.00	
92	119	211	0.1-9.5-1593.98	-0.35	0.98	-5.84-1599.20	31.18	0.00	0.00	0.00	
92	120	212	-0.2-9.4-1603.42	-0.88	0.00	-5.74-1610.05	28.41	0.00	0.00	0.00	

92	121	213	-0.4	-9.2-1612.70	-1.30	0.97	-5.64-1618.67	27.85	0.00	0.00	0.00
92	122	214	-0.6	-9.0-1621.80	-1.49	0.00	-5.55-1628.84	25.76	0.00	0.00	0.00
92	123	215	-0.9	-8.9-1630.74	-2.07	0.97	-5.46-1637.30	25.37	0.00	0.00	0.00
92	124	216	-1.1	-8.7-1639.52	-2.52	0.00	-5.37-1647.41	23.33	0.00	0.00	0.00
92	125	217	-1.3	-8.5-1648.14	-3.26	0.96	-5.28-1655.72	23.09	0.00	0.00	0.00
92	126	218	-1.6	-8.4-1656.60	-3.33	0.00	-5.19-1665.12	21.76	0.00	0.00	0.00
92	127	219	-1.8	-8.2-1664.90	-2.39	0.95	-5.11-1671.45	23.51	0.00	0.00	0.00
92	128	220	-2.0	-8.1-1673.05	-1.61	0.00	-5.03-1679.69	23.33	0.00	0.00	0.00
92	129	221	-2.2	-7.9-1681.05	-1.27	0.95	-4.95-1686.32	24.78	0.00	0.00	0.00
92	130	222	-2.4	-7.8-1688.90	-0.51	0.00	-4.87-1694.28	24.89	0.00	0.00	0.00
92	131	223	-2.7	-7.6-1696.60	-0.95	0.95	-4.80-1701.40	25.84	0.00	0.00	0.00
92	132	224	-2.9	-7.5-1704.16	-0.53	0.00	-4.72-1709.41	25.90	0.00	0.00	0.00
92	133	225	-3.1	-7.3-1711.57	-0.33	0.94	-4.65-1715.61	27.78	27.37	-0.74	-0.41
92	134	226	-3.3	-7.2-1718.84	0.00	0.00	-4.58-1723.42	28.04	27.17	-0.87	-0.87
92	135	227	-3.5	-7.1-1725.97	-0.36	0.94	-4.51-1729.90	29.62	0.00	0.00	0.00
92	136	228	-3.7	-6.9-1732.96	-0.42	0.00	-4.45-1737.82	29.78	29.21	-0.99	-0.57
92	137	229	-3.9	-6.8-1739.81	-0.77	0.93	-4.38-1744.03	31.64	31.18	-1.23	-0.46
92	138	230	-4.2	-6.6-1746.53	-0.67	0.00	-4.32-1751.52	32.22	31.60	-1.29	-0.62
92	139	231	-4.4	-6.5-1753.12	-0.98	0.93	-4.25-1757.42	34.39	33.78	-1.59	-0.61
92	140	232	-4.6	-6.4-1759.57	-0.98	0.00	-4.19-1764.74	35.14	34.59	-1.53	-0.55
92	141	233	-4.8	-6.3-1765.90	-1.27	0.92	-4.13-1770.38	37.58	36.92	-1.93	-0.66
92	142	234	-5.0	-6.1-1772.10	-1.23	0.00	-4.08-1777.40	38.63	38.14	-1.72	-0.49
92	143	235	-5.2	-6.0-1778.17	-1.46	0.92	-4.02-1782.73	41.37	40.92	-1.91	-0.45
92	144	236	-5.4	-5.9-1784.11	-1.30	0.00	-3.96-1789.38	42.79	42.44	-1.65	-0.35
92	145	237	-5.6	-5.8-1789.94	-1.51	0.91	-3.91-1794.44	45.80	45.39	-1.92	-0.41
92	146	238	-5.8	-5.6-1795.64	-1.27	0.00	-3.86-1800.77	47.54	47.31	-1.50	-0.23
92	147	239	-6.0	-5.5-1801.23	-1.63	0.91	-3.80-1805.75	50.63	50.57	-1.69	-0.06
92	148	240	-6.2	-5.4-1806.69	-1.43	0.00	-3.75-1811.87	52.58	52.71	-1.30	0.13
92	149	241	-6.4	-5.3-1812.04	-1.62	0.91	-3.70-1816.46	56.07	0.00	0.00	0.00
92	150	242	-6.6	-5.2-1817.27	-1.41	0.00	-3.65-1822.34	58.26	0.00	0.00	0.00
92	151	243	-6.8	-5.1-1822.39	-1.57	0.90	-3.61-1826.67	62.00	0.00	0.00	0.00
92	152	244	-7.0	-4.9-1827.40	-1.49	0.00	-3.56-1832.45	64.29	0.00	0.00	0.00
92	153	245	-7.2	-4.8-1832.30	-1.41	0.90	-3.51-1836.32	68.49	0.00	0.00	0.00
92	154	246	-7.3	-4.7-1837.08	-0.74	0.00	-3.47-1841.29	71.59	0.00	0.00	0.00
92	155	247	-7.5	-4.6-1841.76	-0.39	0.89	-3.43-1844.68	76.27	0.00	0.00	0.00
92	156	248	-7.7	-4.5-1846.33	-0.08	0.00	-3.38-1849.80	79.23	0.00	0.00	0.00
92	157	249	-7.9	-4.4-1850.80	-0.08	0.89	-3.34-1853.33	83.77	0.00	0.00	0.00
92	158	250	-8.1	-4.3-1855.16	0.19	0.00	-3.30-1858.27	86.90	0.00	0.00	0.00
92	159	251	-8.3	-4.2-1859.42	0.00	0.89	-3.26-1861.80	91.44	0.00	0.00	0.00
92	160	252	-8.5	-4.1-1863.58	0.08	0.00	-3.22-1866.72	94.59	0.00	0.00	0.00
92	161	253	-8.6	-4.0-1867.64	-0.17	0.88	-3.18-1870.11	99.27	0.00	0.00	0.00
92	162	254	-8.8	-3.9-1871.60	-0.06	0.00	-3.14-1874.81	102.65	0.00	0.00	0.00
92	163	255	-9.0	-3.8-1875.46	-0.14	0.88	-3.11-1877.83	107.70	0.00	0.00	0.00
92	164	256	-9.2	-3.7-1879.23	0.28	0.00	-3.07-1882.02	111.58	0.00	0.00	0.00
92	165	257	-9.3	-3.6-1882.90	0.21	0.88	-3.03-1884.85	116.82	0.00	0.00	0.00
92	166	258	-9.5	-3.5-1886.48	0.68	0.00	-3.00-1888.80	120.94	0.00	0.00	0.00
92	167	259	-9.7	-3.4-1889.96	0.42	0.87	-2.96-1891.64	126.18	0.00	0.00	0.00
92	168	260	-9.9	-3.3-1893.36	0.67	0.00	-2.93-1895.62	130.27	0.00	0.00	0.00
92	169	261	-10.0	-3.3-1896.66	0.36	0.87	-2.90-1898.33	135.63	0.00	0.00	0.00
92	170	262	-10.2	-3.2-1899.87	0.36	0.00	-2.86-1902.38	139.65	0.00	0.00	0.00
92	171	263	-10.4	-3.1-1903.00	-0.06	0.86	-2.83-1905.03	145.07	0.00	0.00	0.00
92	172	264	-10.5	-3.0-1906.04	-1.03	0.00	-2.80-1909.87	148.30	0.00	0.00	0.00
92	173	265	-10.7	-2.9-1908.99	-0.66	0.86	-2.77-1911.56	154.69	0.00	0.00	0.00
92	174	266	-10.9	-2.8-1911.86	-0.72	0.00	-2.74-1915.32	159.00	0.00	0.00	0.00
92	175	267	-11.0	-2.7-1914.64	-1.29	0.86	-2.71-1917.78	164.60	0.00	0.00	0.00
92	176	268	-11.2	-2.7-1917.34	-1.75	0.00	-2.68-1921.77	168.69	0.00	0.00	0.00
92	177	269	-11.4	-2.6-1919.96	-2.23	0.85	-2.65-1923.98	174.54	0.00	0.00	0.00
92	178	270	-11.5	-2.5-1922.49	-2.28	0.00	-2.62-1927.40	179.20	0.00	0.00	0.00
92	179	271	-11.7	-2.4-1924.95	-2.45	0.85	-2.60-1929.15	185.52	0.00	0.00	0.00
92	180	272	-11.8	-2.3-1927.33	-2.53	0.00	-2.57-1932.43	190.31	0.00	0.00	0.00
92	181	273	-12.0	-2.3-1929.63	-2.96	0.85	-2.54-1934.29	196.53	0.00	0.00	0.00
92	182	274	-12.1	-2.2-1931.86	-2.84	0.00	-2.52-1937.21	201.67	0.00	0.00	0.00
92	183	275	-12.3	-2.1-1934.01	-3.13	0.85	-2.49-1938.78	208.17	0.00	0.00	0.00
92	184	276	-12.5	-2.0-1936.08	-2.71	0.00	-2.47-1941.26	213.77	0.00	0.00	0.00
92	185	277	-12.6	-2.0-1938.08	-1.79	0.84	-2.44-1941.47	221.63	0.00	0.00	0.00
92	186	278	-12.8	-1.9-1940.01	-1.20	0.00	-2.42-1943.62	227.55	0.00	0.00	0.00

92	187	279-12.9	-1.8-1941.86	-0.45	0.84	-2.39-1943.86	235.38	0.00	0.00	0.00
92	188	280-13.1	-1.7-1943.64	-1.04	0.00	-2.37-1947.05	240.26	0.00	0.00	0.00
92	189	281-13.2	-1.7-1945.36	-1.25	0.84	-2.35-1948.12	247.27	0.00	0.00	0.00
92	190	282-13.3	-1.6-1947.00	-1.10	0.00	-2.32-1950.42	253.03	0.00	0.00	0.00
92	191	283-13.5	-1.5-1948.58	-1.29	0.83	-2.30-1951.33	260.19	0.00	0.00	0.00
92	192	284-13.6	-1.5-1950.08	-1.08	0.00	-2.28-1953.44	266.16	0.00	0.00	0.00
92	193	285-13.8	-1.4-1951.53	-1.33	0.83	-2.26-1954.28	273.39	0.00	0.00	0.00
92	194	286-13.9	-1.3-1952.90	-1.21	0.00	-2.24-1956.35	279.40	0.00	0.00	0.00
92	195	287-14.1	-1.3-1954.21	-1.46	0.83	-2.22-1957.06	286.76	0.00	0.00	0.00
92	196	288-14.2	-1.2-1955.46	-1.20	0.00	-2.19-1958.85	293.03	0.00	0.00	0.00
92	197	289-14.3	-1.1-1956.64	-1.38	0.82	-2.17-1959.37	300.59	0.00	0.00	0.00
92	198	290-14.5	-1.1-1957.76	-1.29	0.00	-2.15-1961.20	306.83	0.00	0.00	0.00
92	199	291-14.6	-1.0-1958.81	-1.49	0.82	-2.13-1961.62	314.48	0.00	0.00	0.00
92	200	292-14.7	-1.0-1959.81	-0.35	0.00	-2.12-1962.28	321.89	0.00	0.00	0.00
92	201	293-14.9	-0.9-1960.75	-0.66	0.82	-2.10-1962.68	329.56	0.00	0.00	0.00
92	202	294-15.0	-0.8-1961.63	-0.71	0.00	-2.08-1964.41	335.90	0.00	0.00	0.00
92	203	295-15.1	-0.8-1962.44	-1.01	0.82	-2.06-1964.70	343.69	0.00	0.00	0.00
92	204	296-15.3	-0.7-1963.20	-0.83	0.00	-2.04-1966.07	350.38	0.00	0.00	0.00
92	205	297-15.4	-0.7-1963.91	-0.83	0.81	-2.02-1965.95	358.58	0.00	0.00	0.00
92	206	298-15.5	-0.6-1964.56	-1.62	0.00	-2.01-1968.18	364.42	0.00	0.00	0.00
92	207	299-15.7	-0.6-1965.15	-1.77	0.81	-1.99-1968.10	372.57	0.00	0.00	0.00
92	208	300-15.8	-0.5-1965.69	-1.28	0.00	-1.97-1968.94	379.80	0.00	0.00	0.00
92	209	301-15.9	-0.5-1966.17	-2.42	0.81	-1.95-1969.73	387.08	0.00	0.00	0.00
92	210	302-16.0	-0.4-1966.60	-2.44	0.00	-1.94-1970.98	393.91	0.00	0.00	0.00
92	211	303-16.2	-0.3-1966.98	-2.57	0.81	-1.92-1970.67	402.29	0.00	0.00	0.00
92	212	304-16.3	-0.3-1967.31	-0.44	0.00	-1.91-1969.65	411.37	0.00	0.00	0.00
92	213	305-16.4	-0.2-1967.58	-2.43	0.80	-1.89-1971.10	418.00	0.00	0.00	0.00
93	113	206	1.9-10.8-1531.95	1.07	1.86	-6.65-1535.67	53.56	0.00	0.00	0.00
93	114	207	1.7-10.7-1542.70	1.19	1.06	-6.53-1546.98	50.32	0.00	0.00	0.00
93	115	208	1.4-10.5-1553.26	1.12	1.86	-6.41-1556.69	48.68	0.00	0.00	0.00
93	116	209	1.2-10.3-1563.64	0.99	1.06	-6.30-1567.89	45.55	0.00	0.00	0.00
93	117	210	1.0-10.1-1573.84	0.73	1.85	-6.19-1577.44	44.07	0.00	0.00	0.00
93	118	211	0.7-9.9-1583.86	0.42	1.06	-6.08-1588.46	41.12	0.00	0.00	0.00
93	119	212	0.5-9.8-1593.71	-0.10	1.85	-5.97-1597.93	39.72	0.00	0.00	0.00
93	120	213	0.3-9.6-1603.38	-0.56	1.06	-5.87-1608.76	36.97	0.00	0.00	0.00
93	121	214	0.0-9.4-1612.89	-0.97	1.85	-5.77-1617.79	36.01	0.00	0.00	0.00
93	122	215	-0.2-9.2-1622.22	-1.07	1.06	-5.68-1627.91	33.96	0.00	0.00	0.00
93	123	216	-0.4-9.1-1631.40	-1.58	1.84	-5.58-1636.71	33.23	0.00	0.00	0.00
93	124	217	-0.7-8.9-1640.40	-1.92	1.06	-5.49-1646.75	31.26	0.00	0.00	0.00
93	125	218	-0.9-8.8-1649.25	-2.51	1.84	-5.40-1655.32	30.76	0.00	0.00	0.00
93	126	219	-1.1-8.6-1657.93	-2.68	1.06	-5.31-1664.86	29.29	0.00	0.00	0.00
93	127	220	-1.3-8.4-1666.46	-1.70	1.83	-5.23-1671.55	30.67	0.00	0.00	0.00
93	128	221	-1.6-8.3-1674.84	-0.98	1.06	-5.14-1679.90	30.40	0.00	0.00	0.00
93	129	222	-1.8-8.1-1683.06	0.30	1.83	-5.06-1685.99	32.38	0.00	0.00	0.00
93	130	223	-2.0-8.0-1691.13	-0.73	1.06	-4.98-1695.78	30.66	0.00	0.00	0.00
93	131	224	-2.2-7.8-1699.05	-0.47	1.83	-4.90-1702.59	31.92	0.00	0.00	0.00
93	132	225	-2.4-7.7-1706.82	0.01	1.06	-4.83-1710.58	32.01	0.00	0.00	0.00
93	133	226	-2.7-7.6-1714.45	-0.08	1.82	-4.76-1717.46	33.19	0.00	0.00	0.00
93	134	227	-2.9-7.4-1721.93	-0.14	1.06	-4.68-1725.69	33.03	0.00	0.00	0.00
93	135	228	-3.1-7.3-1729.27	-0.52	1.82	-4.61-1732.59	34.21	0.00	0.00	0.00
93	136	229	-3.3-7.1-1736.48	-0.61	1.06	-4.54-1740.57	34.30	33.75	-1.16	-0.55
93	137	230	-3.5-7.0-1743.54	-0.96	1.81	-4.48-1747.16	35.78	35.22	-1.52	-0.56
93	138	231	-3.7-6.9-1750.47	-0.93	1.06	-4.41-1754.75	36.26	35.62	-1.57	-0.64
93	139	232	-3.9-6.7-1757.27	-1.29	1.81	-4.35-1761.09	37.99	0.00	0.00	0.00
93	140	233	-4.1-6.6-1763.93	-1.35	1.06	-4.29-1768.51	38.65	0.00	0.00	0.00
93	141	234	-4.3-6.5-1770.46	-1.65	1.81	-4.23-1774.53	40.70	39.95	-2.40	-0.75
93	142	235	-4.5-6.3-1776.86	-1.66	1.06	-4.17-1781.63	41.67	41.04	-2.29	-0.63
93	143	236	-4.7-6.2-1783.14	-1.85	1.80	-4.11-1787.29	44.08	43.37	-2.56	-0.71
93	144	237	-5.0-6.1-1789.29	-1.74	1.06	-4.05-1794.02	45.42	44.87	-2.29	-0.55
93	145	238	-5.2-6.0-1795.31	-1.92	1.80	-3.99-1799.43	48.08	47.45	-2.55	-0.63
93	146	239	-5.4-5.8-1801.22	-1.87	1.06	-3.94-1805.97	49.62	49.31	-2.18	-0.31
93	147	240	-5.5-5.7-1807.00	-2.08	1.80	-3.89-1811.17	52.49	52.32	-2.25	-0.17
93	148	241	-5.7-5.6-1812.66	-1.87	1.06	-3.83-1817.31	54.42	54.26	-2.03	-0.16
93	149	242	-5.9-5.5-1818.21	-2.06	1.79	-3.78-1822.25	57.54	57.41	-2.19	-0.13
93	150	243	-6.1-5.4-1823.63	-1.87	1.06	-3.73-1828.18	59.69	59.92	-1.64	0.23
93	151	244	-6.3-5.3-1828.95	-2.00	1.79	-3.68-1832.84	63.10	0.00	0.00	0.00

93	152	245	-6.5	-5.1-1834.14	-1.96	1.06	-3.64-1838.68	65.33	0.00	0.00	0.00
93	153	246	-6.7	-5.0-1839.23	-1.83	1.79	-3.59-1842.86	69.22	0.00	0.00	0.00
93	154	247	-6.9	-4.9-1844.21	-1.19	1.06	-3.54-1847.88	72.27	0.00	0.00	0.00
93	155	248	-7.1	-4.8-1849.08	-1.00	1.79	-3.50-1851.79	76.44	0.00	0.00	0.00
93	156	249	-7.3	-4.7-1853.84	-0.43	1.06	-3.46-1856.66	79.64	0.00	0.00	0.00
93	157	250	-7.5	-4.6-1858.49	-0.42	1.78	-3.41-1860.54	83.83	0.00	0.00	0.00
93	158	251	-7.7	-4.5-1863.04	-0.13	1.06	-3.37-1865.48	86.96	0.00	0.00	0.00
93	159	252	-7.8	-4.4-1867.48	-0.29	1.78	-3.33-1869.32	91.19	0.00	0.00	0.00
93	160	253	-8.0	-4.3-1871.82	-0.17	1.06	-3.29-1874.22	94.36	0.00	0.00	0.00
93	161	254	-8.2	-4.2-1876.06	-0.42	1.78	-3.25-1877.95	98.70	0.00	0.00	0.00
93	162	255	-8.4	-4.1-1880.20	-0.30	1.06	-3.21-1882.65	102.08	0.00	0.00	0.00
93	163	256	-8.6	-4.0-1884.24	-0.35	1.77	-3.17-1885.99	106.81	0.00	0.00	0.00
93	164	257	-8.7	-3.9-1888.18	0.05	1.06	-3.13-1890.21	110.66	0.00	0.00	0.00
93	165	258	-8.9	-3.8-1892.03	0.03	1.77	-3.10-1893.33	115.61	0.00	0.00	0.00
93	166	259	-9.1	-3.7-1895.78	0.61	1.06	-3.06-1897.17	119.84	0.00	0.00	0.00
93	167	260	-9.3	-3.6-1899.44	0.38	1.77	-3.03-1900.32	124.76	0.00	0.00	0.00
93	168	261	-9.4	-3.5-1903.01	0.58	1.06	-2.99-1904.36	128.80	0.00	0.00	0.00
93	169	262	-9.6	-3.4-1906.48	0.34	1.77	-2.96-1907.33	133.89	0.00	0.00	0.00
93	170	263	-9.8	-3.3-1909.86	0.48	1.06	-2.92-1911.25	138.05	0.00	0.00	0.00
93	171	264	-9.9	-3.2-1913.16	0.01	1.76	-2.89-1914.27	143.09	0.00	0.00	0.00
93	172	265	-10.1	-3.2-1916.36	-0.85	1.06	-2.86-1919.01	146.43	0.00	0.00	0.00
93	173	266	-10.3	-3.1-1919.48	-0.45	1.76	-2.83-1921.00	152.51	0.00	0.00	0.00
93	174	267	-10.4	-3.0-1922.51	-0.46	1.06	-2.80-1924.71	156.87	0.00	0.00	0.00
93	175	268	-10.6	-2.9-1925.46	-1.00	1.76	-2.77-1927.47	162.19	0.00	0.00	0.00
93	176	269	-10.8	-2.8-1928.32	-1.46	1.06	-2.74-1931.46	166.27	0.00	0.00	0.00
93	177	270	-10.9	-2.7-1931.10	-1.93	1.76	-2.71-1933.98	171.81	0.00	0.00	0.00
93	178	271	-11.1	-2.7-1933.80	-1.95	1.06	-2.68-1937.37	176.50	0.00	0.00	0.00
93	179	272	-11.3	-2.6-1936.42	-2.02	1.75	-2.65-1939.34	182.60	0.00	0.00	0.00
93	180	273	-11.4	-2.5-1938.96	-2.02	1.06	-2.62-1942.54	187.47	0.00	0.00	0.00
93	181	274	-11.6	-2.4-1941.41	-2.40	1.75	-2.60-1944.66	193.43	0.00	0.00	0.00
93	182	275	-11.7	-2.3-1943.80	-2.22	1.06	-2.57-1947.52	198.63	0.00	0.00	0.00
93	183	276	-11.9	-2.3-1946.10	-2.57	1.75	-2.54-1949.46	204.77	0.00	0.00	0.00
93	184	277	-12.0	-2.2-1948.33	-2.13	1.06	-2.52-1951.91	210.38	0.00	0.00	0.00
93	185	278	-12.2	-2.1-1950.48	-1.24	1.75	-2.49-1952.46	217.91	0.00	0.00	0.00
93	186	279	-12.3	-2.0-1952.56	-0.67	1.06	-2.47-1954.63	223.81	0.00	0.00	0.00
93	187	280	-12.5	-2.0-1954.56	-1.29	1.74	-2.44-1956.55	229.96	0.00	0.00	0.00
93	188	281	-12.6	-1.9-1956.49	-1.11	1.06	-2.42-1958.96	235.62	0.00	0.00	0.00
93	189	282	-12.8	-1.8-1958.35	-1.38	1.74	-2.39-1960.39	242.27	0.00	0.00	0.00
93	190	283	-12.9	-1.8-1960.15	-1.26	1.06	-2.37-1962.72	248.01	0.00	0.00	0.00
93	191	284	-13.1	-1.7-1961.87	-1.36	1.74	-2.35-1963.83	254.96	0.00	0.00	0.00
93	192	285	-13.2	-1.6-1963.52	-1.27	1.06	-2.32-1966.05	260.81	0.00	0.00	0.00
93	193	286	-13.4	-1.5-1965.10	-1.51	1.74	-2.30-1967.18	267.76	0.00	0.00	0.00
93	194	287	-13.5	-1.5-1966.62	-1.31	1.06	-2.28-1969.15	273.86	0.00	0.00	0.00
93	195	288	-13.7	-1.4-1968.07	-1.52	1.74	-2.26-1970.12	280.97	0.00	0.00	0.00
93	196	289	-13.8	-1.3-1969.46	-1.20	1.06	-2.24-1971.84	287.32	0.00	0.00	0.00
93	197	290	-13.9	-1.3-1970.78	-1.01	1.73	-2.22-1972.27	294.95	0.00	0.00	0.00
93	198	291	-14.1	-1.2-1972.03	-0.87	1.06	-2.20-1974.04	301.26	0.00	0.00	0.00
93	199	292	-14.2	-1.2-1973.23	-0.44	1.73	-2.18-1974.11	309.26	0.00	0.00	0.00
93	200	293	-14.3	-1.1-1974.36	-0.56	1.06	-2.16-1976.02	315.42	0.00	0.00	0.00
93	201	294	-14.5	-1.0-1975.43	-1.02	1.73	-2.14-1976.86	322.65	0.00	0.00	0.00
93	202	295	-14.6	-1.0-1976.44	-0.98	1.06	-2.12-1978.48	329.10	0.00	0.00	0.00
93	203	296	-14.7	-0.9-1977.39	-1.40	1.73	-2.10-1979.16	336.49	0.00	0.00	0.00
93	204	297	-14.9	-0.9-1978.28	-1.24	1.06	-2.08-1980.55	343.18	0.00	0.00	0.00
93	205	298	-15.0	-0.8-1979.12	-1.52	1.73	-2.06-1980.98	350.82	0.00	0.00	0.00
93	206	299	-15.1	-0.7-1979.89	-1.28	1.06	-2.04-1982.16	357.71	0.00	0.00	0.00
93	207	300	-15.3	-0.7-1980.61	-2.23	1.72	-2.03-1983.15	364.79	0.00	0.00	0.00
93	208	301	-15.4	-0.6-1981.28	-2.31	1.06	-2.01-1984.54	371.47	0.00	0.00	0.00
93	209	302	-15.5	-0.6-1981.89	-2.73	1.72	-1.99-1984.89	379.20	0.00	0.00	0.00
93	210	303	-15.6	-0.5-1982.44	-2.74	1.06	-1.98-1986.10	386.06	0.00	0.00	0.00
93	211	304	-15.8	-0.5-1982.94	-2.84	1.72	-1.96-1986.02	394.21	0.00	0.00	0.00
93	212	305	-15.9	-0.4-1983.39	-0.76	1.06	-1.94-1985.03	403.27	0.00	0.00	0.00
93	213	306	-16.0	-0.4-1983.78	-2.68	1.72	-1.93-1986.67	409.70	0.00	0.00	0.00
93	214	307	-16.1	-0.3-1984.13	-2.40	1.06	-1.91-1987.38	417.06	0.00	0.00	0.00
93	215	308	-16.2	-0.3-1984.42	-2.29	1.72	-1.89-1986.89	425.62	0.00	0.00	0.00
94	115	209	1.9	-10.7-1551.61	0.96	0.99	-6.56-1556.22	56.42	0.00	0.00	0.00
94	116	210	1.6	-10.5-1562.22	0.95	0.00	-6.44-1567.71	53.00	0.00	0.00	0.00

94	117	211	1.4-10.3-1572.66	0.64	0.98	-6.33-1577.37	51.42	0.00	0.00	0.00
94	118	212	1.2-10.2-1582.92	0.50	0.00	-6.22-1588.63	48.22	0.00	0.00	0.00
94	119	213	0.9-10.0-1593.00	0.12	0.98	-6.11-1598.01	46.91	0.00	0.00	0.00
94	120	214	0.7 -9.8-1602.91	-0.33	0.00	-6.00-1609.24	43.75	0.00	0.00	0.00
94	121	215	0.5 -9.6-1612.65	-0.71	0.97	-5.90-1618.29	42.78	0.00	0.00	0.00
94	122	216	0.2 -9.5-1622.21	-0.80	0.00	-5.80-1628.81	40.32	0.00	0.00	0.00
94	123	217	0.0 -9.3-1631.61	-1.29	0.97	-5.70-1637.64	39.57	0.00	0.00	0.00
94	124	218	-0.2 -9.1-1640.85	-1.62	0.00	-5.61-1648.08	37.20	0.00	0.00	0.00
94	125	219	-0.5 -9.0-1649.92	-2.28	0.96	-5.52-1656.76	36.59	0.00	0.00	0.00
94	126	220	-0.7 -8.8-1658.83	-2.34	0.00	-5.43-1666.60	34.82	0.00	0.00	0.00
94	127	221	-0.9 -8.7-1667.58	-1.40	0.95	-5.34-1673.37	36.13	0.00	0.00	0.00
94	128	222	-1.1 -8.5-1676.18	-0.63	0.00	-5.26-1682.07	35.50	0.00	0.00	0.00
94	129	223	-1.3 -8.4-1684.62	-0.64	0.95	-5.17-1689.49	36.15	0.00	0.00	0.00
94	130	224	-1.6 -8.2-1692.91	-0.25	0.00	-5.09-1698.25	35.46	0.00	0.00	0.00
94	131	225	-1.8 -8.1-1701.05	-0.14	0.95	-5.01-1705.26	36.52	0.00	0.00	0.00
94	132	226	-2.0 -7.9-1709.04	0.25	0.00	-4.94-1713.73	36.13	0.00	0.00	0.00
94	133	227	-2.2 -7.8-1716.89	0.24	0.94	-4.86-1720.57	37.36	0.00	0.00	0.00
94	134	228	-2.4 -7.6-1724.59	0.09	0.00	-4.79-1729.28	36.71	0.00	0.00	0.00
94	135	229	-2.6 -7.5-1732.14	-0.26	0.94	-4.71-1736.18	37.89	0.00	0.00	0.00
94	136	230	-2.9 -7.3-1739.56	-0.41	0.00	-4.64-1744.61	37.53	0.00	0.00	0.00
94	137	231	-3.1 -7.2-1746.83	-0.74	0.93	-4.58-1751.22	38.99	0.00	0.00	0.00
94	138	232	-3.3 -7.1-1753.97	-0.80	0.00	-4.51-1759.28	39.00	38.35	-1.45	-0.65
94	139	233	-3.5 -6.9-1760.98	-1.17	0.93	-4.44-1765.66	40.69	40.02	-1.84	-0.67
94	140	234	-3.7 -6.8-1767.85	-1.24	0.00	-4.38-1773.47	40.96	40.34	-1.86	-0.62
94	141	235	-3.9 -6.7-1774.58	-1.59	0.92	-4.32-1779.57	42.93	42.16	-2.36	-0.77
94	142	236	-4.1 -6.5-1781.19	-1.64	0.00	-4.26-1787.09	43.48	42.88	-2.24	-0.60
94	143	237	-4.3 -6.4-1787.67	-1.87	0.92	-4.20-1792.82	45.82	45.09	-2.60	-0.73
94	144	238	-4.5 -6.3-1794.02	-1.78	0.00	-4.14-1799.94	46.77	46.16	-2.39	-0.61
94	145	239	-4.7 -6.2-1800.25	-2.12	0.91	-4.08-1805.54	49.24	48.58	-2.78	-0.66
94	146	240	-4.9 -6.0-1806.35	-1.95	0.00	-4.03-1812.33	50.53	50.12	-2.36	-0.41
94	147	241	-5.1 -5.9-1812.33	-2.17	0.91	-3.97-1817.56	53.36	52.95	-2.58	-0.41
94	148	242	-5.3 -5.8-1818.19	-1.99	0.00	-3.92-1824.10	54.90	54.71	-2.18	-0.19
94	149	243	-5.5 -5.7-1823.93	-2.25	0.91	-3.87-1829.14	57.92	57.75	-2.42	-0.17
94	150	244	-5.7 -5.6-1829.55	-2.08	0.00	-3.81-1835.45	59.69	59.80	-1.97	0.11
94	151	245	-5.9 -5.4-1835.06	-2.48	0.90	-3.76-1840.40	62.81	63.17	-2.12	0.36
94	152	246	-6.1 -5.3-1840.45	-2.22	0.00	-3.71-1846.39	64.89	65.39	-1.72	0.50
94	153	247	-6.3 -5.2-1845.73	-2.13	0.90	-3.67-1850.63	68.72	0.00	0.00	0.00
94	154	248	-6.5 -5.1-1850.90	-1.45	0.00	-3.62-1855.97	71.46	0.00	0.00	0.00
94	155	249	-6.7 -5.0-1855.95	-1.25	0.89	-3.57-1859.88	75.61	0.00	0.00	0.00
94	156	250	-6.8 -4.9-1860.90	-0.73	0.00	-3.53-1865.16	78.41	0.00	0.00	0.00
94	157	251	-7.0 -4.8-1865.74	-0.74	0.89	-3.48-1869.07	82.57	0.00	0.00	0.00
94	158	252	-7.2 -4.7-1870.47	-0.46	0.00	-3.44-1874.37	85.34	0.00	0.00	0.00
94	159	253	-7.4 -4.6-1875.10	-0.59	0.89	-3.40-1878.20	89.58	0.00	0.00	0.00
94	160	254	-7.6 -4.5-1879.62	-0.48	0.00	-3.36-1883.46	92.39	0.00	0.00	0.00
94	161	255	-7.8 -4.4-1884.04	-0.71	0.88	-3.32-1887.19	96.74	0.00	0.00	0.00
94	162	256	-7.9 -4.3-1888.36	-0.59	0.00	-3.28-1892.23	99.77	0.00	0.00	0.00
94	163	257	-8.1 -4.2-1892.58	-0.62	0.88	-3.24-1895.56	104.51	0.00	0.00	0.00
94	164	258	-8.3 -4.1-1896.70	-0.18	0.00	-3.20-1900.08	108.06	0.00	0.00	0.00
94	165	259	-8.5 -4.0-1900.73	-0.13	0.88	-3.16-1903.14	113.07	0.00	0.00	0.00
94	166	260	-8.7 -3.9-1904.65	0.51	0.00	-3.13-1907.27	117.01	0.00	0.00	0.00
94	167	261	-8.8 -3.8-1908.49	0.32	0.87	-3.09-1910.38	121.97	0.00	0.00	0.00
94	168	262	-9.0 -3.7-1912.22	0.35	0.00	-3.05-1914.93	125.50	0.00	0.00	0.00
94	169	263	-9.2 -3.6-1915.87	0.41	0.87	-3.02-1917.61	130.89	0.00	0.00	0.00
94	170	264	-9.3 -3.5-1919.42	0.56	0.00	-2.98-1921.85	134.72	0.00	0.00	0.00
94	171	265	-9.5 -3.4-1922.89	0.08	0.86	-2.95-1924.89	139.75	0.00	0.00	0.00
94	172	266	-9.7 -3.3-1926.26	-0.67	0.00	-2.92-1929.85	142.86	0.00	0.00	0.00
94	173	267	-9.8 -3.2-1929.55	-0.35	0.86	-2.89-1931.92	148.86	0.00	0.00	0.00
94	174	268	-10.0 -3.2-1932.74	-0.39	0.00	-2.85-1935.99	152.87	0.00	0.00	0.00
94	175	269	-10.2 -3.1-1935.85	-0.88	0.86	-2.82-1938.70	158.23	0.00	0.00	0.00
94	176	270	-10.3 -3.0-1938.88	-1.38	0.00	-2.79-1943.06	161.94	0.00	0.00	0.00
94	177	271	-10.5 -2.9-1941.82	-1.73	0.85	-2.76-1945.46	167.61	0.00	0.00	0.00
94	178	272	-10.7 -2.8-1944.68	-1.74	0.00	-2.73-1949.16	171.98	0.00	0.00	0.00
94	179	273	-10.8 -2.7-1947.46	-1.81	0.85	-2.70-1951.12	178.09	0.00	0.00	0.00
94	180	274	-11.0 -2.7-1950.16	-1.81	0.00	-2.68-1954.64	182.64	0.00	0.00	0.00
94	181	275	-11.1 -2.6-1952.77	-2.21	0.85	-2.65-1956.78	188.57	0.00	0.00	0.00
94	182	276	-11.3 -2.5-1955.31	-2.04	0.00	-2.62-1959.97	193.45	0.00	0.00	0.00

94	183	277-11.5	-2.4-1957.77	-2.28	0.85	-2.59-1961.80	199.70	0.00	0.00	0.00
94	184	278-11.6	-2.3-1960.15	-1.83	0.00	-2.57-1964.55	205.02	0.00	0.00	0.00
94	185	279-11.8	-2.3-1962.46	-0.99	0.84	-2.54-1965.15	212.49	0.00	0.00	0.00
94	186	280-11.9	-2.2-1964.69	-0.38	0.00	-2.52-1967.59	218.13	0.00	0.00	0.00
94	187	281-12.1	-2.1-1966.84	0.10	0.84	-2.49-1968.40	225.39	0.00	0.00	0.00
94	188	282-12.2	-2.0-1968.93	-0.74	0.00	-2.47-1972.13	229.72	0.00	0.00	0.00
94	189	283-12.4	-2.0-1970.94	-1.09	0.84	-2.44-1973.63	236.29	0.00	0.00	0.00
94	190	284-12.5	-1.9-1972.88	-0.86	0.00	-2.42-1976.15	241.84	0.00	0.00	0.00
94	191	285-12.7	-1.8-1974.74	-1.20	0.83	-2.39-1977.50	248.56	0.00	0.00	0.00
94	192	286-12.8	-1.8-1976.54	-1.00	0.00	-2.37-1979.91	254.23	0.00	0.00	0.00
94	193	287-13.0	-1.7-1978.27	-1.22	0.83	-2.35-1981.01	261.20	0.00	0.00	0.00
94	194	288-13.1	-1.6-1979.93	-0.90	0.00	-2.33-1983.16	267.12	0.00	0.00	0.00
94	195	289-13.2	-1.6-1981.52	-0.76	0.83	-2.30-1983.76	274.59	0.00	0.00	0.00
94	196	290-13.4	-1.5-1983.05	-0.60	0.00	-2.28-1985.93	280.49	0.00	0.00	0.00
94	197	291-13.5	-1.4-1984.51	-0.79	0.82	-2.26-1986.74	287.76	0.00	0.00	0.00
94	198	292-13.7	-1.4-1985.91	-0.25	0.00	-2.24-1988.40	294.17	0.00	0.00	0.00
94	199	293-13.8	-1.3-1987.24	-0.57	0.82	-2.22-1989.21	301.43	0.00	0.00	0.00
94	200	294-13.9	-1.2-1988.51	-0.54	0.00	-2.20-1991.25	307.46	0.00	0.00	0.00
94	201	295-14.1	-1.2-1989.71	-1.06	0.82	-2.18-1992.13	314.65	0.00	0.00	0.00
94	202	296-14.2	-1.1-1990.86	-1.12	0.00	-2.16-1994.14	320.71	0.00	0.00	0.00
94	203	297-14.3	-1.0-1991.94	-1.39	0.82	-2.14-1994.66	328.27	0.00	0.00	0.00
94	204	298-14.5	-1.0-1992.97	-1.41	0.00	-2.12-1996.50	334.50	0.00	0.00	0.00
94	205	299-14.6	-0.9-1993.93	-1.52	0.81	-2.10-1996.74	342.33	0.00	0.00	0.00
94	206	300-14.7	-0.9-1994.84	-1.82	0.00	-2.08-1998.74	348.40	0.00	0.00	0.00
94	207	301-14.9	-0.8-1995.68	-2.29	0.81	-2.07-1999.23	355.98	0.00	0.00	0.00
94	208	302-15.0	-0.8-1996.48	-2.37	0.00	-2.05-2000.89	362.39	0.00	0.00	0.00
94	209	303-15.1	-0.7-1997.21	-2.79	0.81	-2.03-2001.22	370.13	0.00	0.00	0.00
94	210	304-15.3	-0.6-1997.89	-2.82	0.00	-2.01-2002.72	376.70	0.00	0.00	0.00
94	211	305-15.4	-0.6-1998.51	-2.91	0.81	-2.00-2002.61	384.88	0.00	0.00	0.00
94	212	306-15.5	-0.5-1999.09	-2.62	0.00	-1.98-2003.69	391.88	0.00	0.00	0.00
94	213	307-15.6	-0.5-1999.60	-2.81	0.80	-1.96-2003.57	400.07	0.00	0.00	0.00
94	214	308-15.7	-0.4-2000.07	-2.42	0.00	-1.95-2004.43	407.28	0.00	0.00	0.00
94	215	309-15.9	-0.4-2000.48	-2.55	0.80	-1.93-2004.16	415.62	0.00	0.00	0.00
94	216	310-16.0	-0.3-2000.84	-2.33	0.00	-1.91-2005.09	422.77	0.00	0.00	0.00
94	217	311-16.1	-0.3-2001.15	-2.52	0.80	-1.90-2004.77	431.15	0.00	0.00	0.00
94	218	312-16.2	-0.2-2001.42	-2.52	0.00	-1.88-2005.82	438.18	0.00	0.00	0.00
95	117	212	1.8-10.6-1571.05	0.49	1.85	-6.47-1575.18	60.87	0.00	0.00	0.00
95	118	213	1.6-10.4-1581.55	0.30	1.05	-6.35-1586.55	57.57	0.00	0.00	0.00
95	119	214	1.4-10.2-1591.86	0.29	1.84	-6.24-1595.98	56.22	0.00	0.00	0.00
95	120	215	1.1-10.1-1602.01	-0.09	1.05	-6.14-1607.18	53.09	0.00	0.00	0.00
95	121	216	0.9-9.9-1611.97	-0.39	1.84	-6.03-1616.56	51.78	0.00	0.00	0.00
95	122	217	0.7-9.7-1621.77	-0.51	1.05	-5.93-1627.16	49.25	0.00	0.00	0.00
95	123	218	0.4-9.5-1631.40	-0.93	1.83	-5.83-1636.33	48.16	0.00	0.00	0.00
95	124	219	0.2-9.4-1640.86	-1.18	1.05	-5.73-1646.72	45.83	0.00	0.00	0.00
95	125	220	0.0-9.2-1650.16	-1.69	1.83	-5.64-1655.66	44.96	0.00	0.00	0.00
95	126	221	-0.2-9.1-1659.30	-1.88	1.05	-5.55-1665.67	43.02	0.00	0.00	0.00
95	127	222	-0.5-8.9-1668.27	-0.79	1.83	-5.46-1672.70	44.07	0.00	0.00	0.00
95	128	223	-0.7-8.7-1677.09	-0.19	1.05	-5.37-1681.60	43.24	0.00	0.00	0.00
95	129	224	-0.9-8.6-1685.76	1.05	1.82	-5.29-1688.17	44.74	0.00	0.00	0.00
95	130	225	-1.1-8.4-1694.26	0.22	1.05	-5.20-1698.20	42.78	0.00	0.00	0.00
95	131	226	-1.4-8.3-1702.62	0.38	1.82	-5.12-1705.55	43.51	0.00	0.00	0.00
95	132	227	-1.6-8.1-1710.83	0.49	1.05	-5.04-1714.33	42.79	0.00	0.00	0.00
95	133	228	-1.8-8.0-1718.89	0.16	1.82	-4.97-1721.88	43.31	0.00	0.00	0.00
95	134	229	-2.0-7.8-1726.81	-0.02	1.05	-4.89-1730.66	42.60	0.00	0.00	0.00
95	135	230	-2.2-7.7-1734.58	-0.38	1.81	-4.82-1737.96	43.38	0.00	0.00	0.00
95	136	231	-2.4-7.6-1742.20	-0.51	1.05	-4.75-1746.41	43.00	0.00	0.00	0.00
95	137	232	-2.6-7.4-1749.69	-0.87	1.81	-4.68-1753.43	44.05	0.00	0.00	0.00
95	138	233	-2.8-7.3-1757.04	-0.98	1.05	-4.61-1761.58	43.98	0.00	0.00	0.00
95	139	234	-3.1-7.1-1764.25	-1.37	1.80	-4.54-1768.36	45.27	0.00	0.00	0.00
95	140	235	-3.3-7.0-1771.33	-1.52	1.05	-4.47-1776.27	45.42	0.00	0.00	0.00
95	141	236	-3.5-6.9-1778.27	-1.87	1.80	-4.41-1782.75	47.01	0.00	0.00	0.00
95	142	237	-3.7-6.7-1785.09	-1.95	1.05	-4.35-1790.33	47.51	0.00	0.00	0.00
95	143	238	-3.9-6.6-1791.77	-2.21	1.80	-4.29-1796.47	49.44	48.42	-3.23	-1.02
95	144	239	-4.1-6.5-1798.32	-2.12	1.05	-4.23-1803.62	50.36	49.38	-3.10	-0.98
95	145	240	-4.3-6.4-1804.75	-2.51	1.79	-4.17-1809.64	52.42	51.50	-3.43	-0.92
95	146	241	-4.5-6.2-1811.05	-2.38	1.05	-4.11-1816.49	53.63	52.93	-3.08	-0.70

95	147	242	-4.7	-6.1-1817.23	-2.61	1.79	-4.06-1822.11	56.09	55.47	-3.23	-0.62
95	148	243	-4.9	-6.0-1823.29	-2.44	1.05	-4.00-1828.68	57.59	57.17	-2.86	-0.42
95	149	244	-5.1	-5.9-1829.23	-2.70	1.79	-3.95-1834.08	60.25	59.88	-3.07	-0.37
95	150	245	-5.3	-5.8-1835.04	-2.53	1.05	-3.90-1840.42	61.99	61.89	-2.63	-0.10
95	151	246	-5.5	-5.6-1840.74	-2.93	1.79	-3.84-1845.73	64.75	64.99	-2.69	0.24
95	152	247	-5.7	-5.5-1846.33	-2.66	1.05	-3.79-1851.73	66.82	0.00	0.00	0.00
95	153	248	-5.8	-5.4-1851.80	-2.57	1.78	-3.74-1856.33	70.29	0.00	0.00	0.00
95	154	249	-6.0	-5.3-1857.15	-1.88	1.05	-3.70-1861.68	73.02	0.00	0.00	0.00
95	155	250	-6.2	-5.2-1862.40	-1.65	1.78	-3.65-1865.92	76.85	0.00	0.00	0.00
95	156	251	-6.4	-5.1-1867.53	-1.13	1.05	-3.60-1871.21	79.63	0.00	0.00	0.00
95	157	252	-6.6	-5.0-1872.56	-1.13	1.78	-3.56-1875.47	83.44	0.00	0.00	0.00
95	158	253	-6.8	-4.9-1877.47	-0.85	1.05	-3.51-1880.79	86.19	0.00	0.00	0.00
95	159	254	-7.0	-4.8-1882.28	-1.00	1.77	-3.47-1884.98	90.07	0.00	0.00	0.00
95	160	255	-7.2	-4.7-1886.99	-0.86	1.05	-3.43-1890.23	92.90	0.00	0.00	0.00
95	161	256	-7.3	-4.5-1891.59	-1.05	1.77	-3.39-1894.26	96.94	0.00	0.00	0.00
95	162	257	-7.5	-4.4-1896.09	-0.92	1.05	-3.35-1899.31	99.96	0.00	0.00	0.00
95	163	258	-7.7	-4.3-1900.49	-0.93	1.77	-3.31-1902.96	104.38	0.00	0.00	0.00
95	164	259	-7.9	-4.2-1904.79	-0.47	1.05	-3.27-1907.48	107.93	0.00	0.00	0.00
95	165	260	-8.0	-4.1-1908.99	-0.39	1.77	-3.23-1910.85	112.63	0.00	0.00	0.00
95	166	261	-8.2	-4.1-1913.10	0.30	1.05	-3.19-1914.93	116.62	0.00	0.00	0.00
95	167	262	-8.4	-4.0-1917.10	0.09	1.76	-3.15-1918.40	121.22	0.00	0.00	0.00
95	168	263	-8.6	-3.9-1921.01	0.21	1.05	-3.12-1922.87	124.83	0.00	0.00	0.00
95	169	264	-8.7	-3.8-1924.83	0.14	1.76	-3.08-1926.01	129.75	0.00	0.00	0.00
95	170	265	-8.9	-3.7-1928.56	0.57	1.05	-3.05-1929.98	133.86	0.00	0.00	0.00
95	171	266	-9.1	-3.6-1932.19	0.10	1.76	-3.01-1933.34	138.56	0.00	0.00	0.00
95	172	267	-9.3	-3.5-1935.73	-0.55	1.05	-2.98-1938.21	141.77	0.00	0.00	0.00
95	173	268	-9.4	-3.4-1939.18	-0.34	1.75	-2.95-1940.71	147.34	0.00	0.00	0.00
95	174	269	-9.6	-3.3-1942.55	-0.28	1.05	-2.91-1944.69	151.43	0.00	0.00	0.00
95	175	270	-9.8	-3.2-1945.82	-0.76	1.75	-2.88-1947.71	156.48	0.00	0.00	0.00
95	176	271	-9.9	-3.1-1949.02	-1.20	1.05	-2.85-1952.01	160.25	0.00	0.00	0.00
95	177	272	-10.1	-3.1-1952.12	-1.64	1.75	-2.82-1954.83	165.51	0.00	0.00	0.00
95	178	273	-10.2	-3.0-1955.14	-1.52	1.05	-2.79-1958.40	170.01	0.00	0.00	0.00
95	179	274	-10.4	-2.9-1958.08	-1.53	1.75	-2.76-1960.62	175.86	0.00	0.00	0.00
95	180	275	-10.6	-2.8-1960.94	-1.49	1.05	-2.73-1964.11	180.45	0.00	0.00	0.00
95	181	276	-10.7	-2.7-1963.71	-1.82	1.74	-2.70-1966.49	186.13	0.00	0.00	0.00
95	182	277	-10.9	-2.7-1966.41	-1.62	1.05	-2.67-1969.65	191.05	0.00	0.00	0.00
95	183	278	-11.0	-2.6-1969.02	-1.82	1.74	-2.65-1971.75	197.02	0.00	0.00	0.00
95	184	279	-11.2	-2.5-1971.56	-1.34	1.05	-2.62-1974.47	202.37	0.00	0.00	0.00
95	185	280	-11.4	-2.4-1974.02	-0.70	1.74	-2.59-1975.57	209.34	0.00	0.00	0.00
95	186	281	-11.5	-2.3-1976.40	-0.10	1.05	-2.57-1978.02	214.96	0.00	0.00	0.00
95	187	282	-11.7	-2.3-1978.71	-0.86	1.74	-2.54-1980.37	220.68	0.00	0.00	0.00
95	188	283	-11.8	-2.2-1980.95	-0.71	1.05	-2.52-1983.12	226.00	0.00	0.00	0.00
95	189	284	-12.0	-2.1-1983.10	-0.96	1.74	-2.49-1984.82	232.38	0.00	0.00	0.00
95	190	285	-12.1	-2.0-1985.19	-0.85	1.05	-2.47-1987.46	237.81	0.00	0.00	0.00
95	191	286	-12.3	-2.0-1987.21	-1.13	1.73	-2.44-1989.05	244.29	0.00	0.00	0.00
95	192	287	-12.4	-1.9-1989.15	0.20	1.05	-2.42-1990.32	251.09	0.00	0.00	0.00
95	193	288	-12.5	-1.8-1991.03	-1.11	1.73	-2.40-1992.80	256.68	0.00	0.00	0.00
95	194	289	-12.7	-1.8-1992.83	-0.63	1.05	-2.37-1994.78	262.77	0.00	0.00	0.00
95	195	290	-12.8	-1.7-1994.57	-0.84	1.73	-2.35-1996.03	269.60	0.00	0.00	0.00
95	196	291	-13.0	-1.6-1996.24	-0.38	1.05	-2.33-1997.89	275.80	0.00	0.00	0.00
95	197	292	-13.1	-1.6-1997.84	-0.65	1.73	-2.31-1999.07	282.70	0.00	0.00	0.00
95	198	293	-13.3	-1.5-1999.37	-0.68	1.05	-2.28-2001.29	288.55	0.00	0.00	0.00
95	199	294	-13.4	-1.4-2000.84	-1.00	1.72	-2.26-2002.38	295.53	0.00	0.00	0.00
95	200	295	-13.5	-1.4-2002.25	-0.99	1.05	-2.24-2004.43	301.55	0.00	0.00	0.00
95	201	296	-13.7	-1.3-2003.59	-1.43	1.72	-2.22-2005.52	308.53	0.00	0.00	0.00
95	202	297	-13.8	-1.2-2004.87	-1.57	1.05	-2.20-2007.59	314.53	0.00	0.00	0.00
95	203	298	-13.9	-1.2-2006.09	-1.80	1.72	-2.18-2008.35	321.84	0.00	0.00	0.00
95	204	299	-14.1	-1.1-2007.25	-1.86	1.05	-2.16-2010.22	328.05	0.00	0.00	0.00
95	205	300	-14.2	-1.1-2008.35	-2.20	1.72	-2.14-2010.97	335.37	0.00	0.00	0.00
95	206	301	-14.3	-1.0-2009.38	-2.16	1.05	-2.12-2012.61	341.79	0.00	0.00	0.00
95	207	302	-14.5	-0.9-2010.36	-2.57	1.72	-2.11-2013.32	349.16	0.00	0.00	0.00
95	208	303	-14.6	-0.9-2011.28	-2.64	1.05	-2.09-2014.96	355.60	0.00	0.00	0.00
95	209	304	-14.7	-0.8-2012.14	-3.06	1.71	-2.07-2015.56	363.07	0.00	0.00	0.00
95	210	305	-14.9	-0.8-2012.95	-3.08	1.05	-2.05-2017.03	369.67	0.00	0.00	0.00
95	211	306	-15.0	-0.7-2013.70	-3.16	1.71	-2.03-2017.18	377.59	0.00	0.00	0.00
95	212	307	-15.1	-0.7-2014.39	-2.86	1.05	-2.02-2018.22	384.62	0.00	0.00	0.00

95	213	308-15.2	-0.6-2015.04	-3.03	1.71	-2.00-2018.36	392.55	0.00	0.00	0.00
95	214	309-15.4	-0.6-2015.62	-2.70	1.05	-1.98-2019.25	399.73	0.00	0.00	0.00
95	215	310-15.5	-0.5-2016.15	-2.92	1.71	-1.97-2019.33	407.72	0.00	0.00	0.00
95	216	311-15.6	-0.5-2016.64	-2.57	1.05	-1.95-2020.11	415.02	0.00	0.00	0.00
95	217	312-15.7	-0.4-2017.07	-2.97	1.71	-1.94-2020.27	422.93	0.00	0.00	0.00
95	218	313-15.8	-0.4-2017.45	-2.95	1.05	-1.92-2021.26	430.00	0.00	0.00	0.00
95	219	314-16.0	-0.3-2017.78	-3.21	1.71	-1.90-2021.18	438.15	0.00	0.00	0.00
95	220	315-16.1	-0.3-2018.06	-3.19	1.05	-1.89-2022.08	445.33	0.00	0.00	0.00
96	119	215	1.8-10.5-1590.30	0.08	0.98	-6.38-1595.63	63.84	0.00	0.00	0.00
96	120	216	1.5-10.3-1600.68	0.02	0.00	-6.27-1606.93	60.61	0.00	0.00	0.00
96	121	217	1.3-10.1-1610.87	-0.29	0.97	-6.16-1616.36	59.25	0.00	0.00	0.00
96	122	218	1.1	-9.9-1620.90	-0.42	0.00	-6.06-1627.38	56.30	0.00	0.00
96	123	219	0.9	-9.8-1630.76	-0.83	0.97	-5.96-1636.58	55.17	0.00	0.00
96	124	220	0.6	-9.6-1640.45	-1.09	0.00	-5.86-1647.40	52.43	0.00	0.00
96	125	221	0.4	-9.4-1649.97	-1.67	0.96	-5.76-1656.45	51.45	0.00	0.00
96	126	222	0.2	-9.3-1659.33	-1.76	0.00	-5.67-1666.76	49.20	0.00	0.00
96	127	223	0.0	-9.1-1668.53	-0.78	0.95	-5.58-1673.94	50.10	0.00	0.00
96	128	224	-0.3	-9.0-1677.57	-0.36	0.00	-5.49-1683.42	48.69	0.00	0.00
96	129	225	-0.5	-8.8-1686.46	1.18	0.95	-5.40-1689.73	50.45	0.00	0.00
96	130	226	-0.7	-8.6-1695.19	0.37	0.00	-5.32-1700.13	48.12	0.00	0.00
96	131	227	-0.9	-8.5-1703.76	0.66	0.95	-5.23-1707.39	48.93	0.00	0.00
96	132	228	-1.1	-8.3-1712.19	0.71	0.00	-5.15-1716.63	47.76	0.00	0.00
96	133	229	-1.4	-8.2-1720.46	0.42	0.94	-5.07-1724.18	48.29	0.00	0.00
96	134	230	-1.6	-8.1-1728.59	0.24	0.00	-5.00-1733.35	47.19	0.00	0.00
96	135	231	-1.8	-7.9-1736.58	-0.10	0.94	-4.92-1740.66	47.94	0.00	0.00
96	136	232	-2.0	-7.8-1744.42	-0.27	0.00	-4.85-1749.54	47.14	0.00	0.00
96	137	233	-2.2	-7.6-1752.12	-0.62	0.93	-4.78-1756.58	48.17	0.00	0.00
96	138	234	-2.4	-7.5-1759.68	-0.75	0.00	-4.71-1765.13	47.69	0.00	0.00
96	139	235	-2.6	-7.3-1767.10	-1.15	0.93	-4.64-1771.96	48.93	0.00	0.00
96	140	236	-2.8	-7.2-1774.38	-1.33	0.00	-4.57-1780.28	48.68	0.00	0.00
96	141	237	-3.0	-7.1-1781.53	-1.66	0.92	-4.50-1786.77	50.26	0.00	0.00
96	142	238	-3.2	-6.9-1788.55	-1.78	0.00	-4.44-1794.77	50.34	49.38	-2.74 -0.96
96	143	239	-3.4	-6.8-1795.43	-2.06	0.92	-4.38-1800.96	52.22	0.00	0.00
96	144	240	-3.6	-6.7-1802.19	-2.18	0.00	-4.32-1808.69	52.56	51.70	-3.04 -0.86
96	145	241	-3.8	-6.6-1808.82	-2.47	0.91	-4.26-1814.63	54.69	53.70	-3.46 -0.99
96	146	242	-4.0	-6.4-1815.32	-2.38	0.00	-4.20-1821.90	55.49	54.80	-3.07 -0.69
96	147	243	-4.2	-6.3-1821.70	-2.84	0.91	-4.14-1827.77	57.69	57.18	-3.35 -0.51
96	148	244	-4.4	-6.2-1827.95	-2.76	0.00	-4.09-1834.80	58.74	58.45	-3.05 -0.29
96	149	245	-4.6	-6.1-1834.09	-3.05	0.91	-4.03-1840.26	61.35	61.00	-3.40 -0.35
96	150	246	-4.8	-5.9-1840.10	-2.96	0.00	-3.98-1847.04	62.64	62.61	-2.99 -0.03
96	151	247	-5.0	-5.8-1845.99	-3.17	0.90	-3.92-1852.19	65.56	65.53	-3.20 -0.03
96	152	248	-5.2	-5.7-1851.77	-3.00	0.00	-3.87-1858.64	67.18	67.39	-2.79 0.21
96	153	249	-5.4	-5.6-1857.43	-2.89	0.90	-3.82-1863.24	70.65	70.75	-2.79 0.10
96	154	250	-5.6	-5.5-1862.98	-2.22	0.00	-3.77-1868.97	72.99	72.98	-2.23 -0.01
96	155	251	-5.8	-5.4-1868.41	-2.02	0.89	-3.73-1873.26	76.77	76.64	-2.15 -0.13
96	156	252	-6.0	-5.3-1873.73	-1.62	0.00	-3.68-1879.03	79.08	0.00	0.00
96	157	253	-6.2	-5.2-1878.94	-1.45	0.89	-3.63-1883.14	83.04	0.00	0.00
96	158	254	-6.4	-5.0-1884.05	-1.19	0.00	-3.59-1888.82	85.43	0.00	0.00
96	159	255	-6.5	-4.9-1889.04	-1.33	0.89	-3.54-1893.03	89.29	0.00	0.00
96	160	256	-6.7	-4.8-1893.93	-1.20	0.00	-3.50-1898.63	91.76	0.00	0.00
96	161	257	-6.9	-4.7-1898.72	-1.42	0.88	-3.46-1902.71	95.75	0.00	0.00
96	162	258	-7.1	-4.6-1903.40	-1.29	0.00	-3.41-1908.10	98.43	0.00	0.00
96	163	259	-7.3	-4.5-1907.98	-1.30	0.88	-3.37-1911.77	102.84	0.00	0.00
96	164	260	-7.4	-4.4-1912.45	-0.81	0.00	-3.33-1916.60	106.08	0.00	0.00
96	165	261	-7.6	-4.3-1916.83	-0.72	0.88	-3.29-1919.97	110.78	0.00	0.00
96	166	262	-7.8	-4.2-1921.11	-0.23	0.00	-3.26-1924.60	114.23	0.00	0.00
96	167	263	-8.0	-4.1-1925.29	-0.06	0.87	-3.22-1927.70	119.20	0.00	0.00
96	168	264	-8.1	-4.0-1929.38	0.04	0.00	-3.18-1932.52	122.45	0.00	0.00
96	169	265	-8.3	-3.9-1933.37	-0.24	0.87	-3.14-1935.88	127.15	0.00	0.00
96	170	266	-8.5	-3.8-1937.26	0.50	0.00	-3.11-1939.87	131.24	0.00	0.00
96	171	267	-8.7	-3.8-1941.07	0.06	0.86	-3.07-1943.21	135.96	0.00	0.00
96	172	268	-8.8	-3.7-1944.78	-0.44	0.00	-3.04-1948.26	138.99	0.00	0.00
96	173	269	-9.0	-3.6-1948.40	-0.38	0.86	-3.01-1950.92	144.40	0.00	0.00
96	174	270	-9.2	-3.5-1951.93	-0.31	0.00	-2.97-1955.21	148.18	0.00	0.00
96	175	271	-9.3	-3.4-1955.37	-0.79	0.86	-2.94-1958.25	153.22	0.00	0.00
96	176	272	-9.5	-3.3-1958.73	-1.10	0.00	-2.91-1962.74	156.80	0.00	0.00

96	177	273	-9.7	-3.2-1962.00	-1.52	0.85	-2.88-1965.54	162.07	0.00	0.00	0.00
96	178	274	-9.8	-3.1-1965.18	-1.41	0.00	-2.85-1969.44	166.24	0.00	0.00	0.00
96	179	275	-10.0	-3.1-1968.28	-1.47	0.85	-2.81-1971.72	172.03	0.00	0.00	0.00
96	180	276	-10.1	-3.0-1971.30	-1.41	0.00	-2.79-1975.49	176.33	0.00	0.00	0.00
96	181	277	-10.3	-2.9-1974.23	-1.73	0.85	-2.76-1977.87	182.02	0.00	0.00	0.00
96	182	278	-10.5	-2.8-1977.09	-1.53	0.00	-2.73-1981.34	186.62	0.00	0.00	0.00
96	183	279	-10.6	-2.7-1979.86	-1.71	0.85	-2.70-1983.42	192.61	0.00	0.00	0.00
96	184	280	-10.8	-2.7-1982.55	-1.23	0.00	-2.67-1986.45	197.65	0.00	0.00	0.00
96	185	281	-10.9	-2.6-1985.17	-0.53	0.84	-2.64-1987.50	204.68	0.00	0.00	0.00
96	186	282	-11.1	-2.5-1987.70	0.01	0.00	-2.62-1990.31	209.94	0.00	0.00	0.00
96	187	283	-11.2	-2.4-1990.17	0.44	0.84	-2.59-1991.48	216.84	0.00	0.00	0.00
96	188	284	-11.4	-2.3-1992.55	0.96	0.00	-2.57-1994.16	222.24	0.00	0.00	0.00
96	189	285	-11.5	-2.3-1994.86	0.52	0.84	-2.54-1996.04	228.42	0.00	0.00	0.00
96	190	286	-11.7	-2.2-1997.10	0.43	0.00	-2.51-1999.18	233.36	0.00	0.00	0.00
96	191	287	-11.8	-2.1-1999.26	0.12	0.83	-2.49-2000.80	239.81	0.00	0.00	0.00
96	192	288	-12.0	-2.1-2001.35	0.09	0.00	-2.47-2003.73	244.95	0.00	0.00	0.00
96	193	289	-12.1	-2.0-2003.37	-0.18	0.83	-2.44-2005.16	251.59	0.00	0.00	0.00
96	194	290	-12.3	-1.9-2005.32	-0.19	0.00	-2.42-2007.93	256.89	0.00	0.00	0.00
96	195	291	-12.4	-1.8-2007.20	-0.43	0.83	-2.40-2009.20	263.69	0.00	0.00	0.00
96	196	292	-12.6	-1.8-2009.01	-0.43	0.00	-2.37-2011.82	269.15	0.00	0.00	0.00
96	197	293	-12.7	-1.7-2010.76	-0.73	0.82	-2.35-2013.01	276.02	0.00	0.00	0.00
96	198	294	-12.9	-1.6-2012.43	-0.75	0.00	-2.33-2015.51	281.59	0.00	0.00	0.00
96	199	295	-13.0	-1.6-2014.05	-1.11	0.82	-2.31-2016.64	288.54	0.00	0.00	0.00
96	200	296	-13.1	-1.5-2015.59	-1.11	0.00	-2.29-2018.99	294.26	0.00	0.00	0.00
96	201	297	-13.3	-1.4-2017.07	-1.48	0.82	-2.27-2020.00	301.32	0.00	0.00	0.00
96	202	298	-13.4	-1.4-2018.49	-1.50	0.00	-2.24-2022.23	307.16	0.00	0.00	0.00
96	203	299	-13.5	-1.3-2019.84	-1.97	0.82	-2.22-2023.22	314.24	0.00	0.00	0.00
96	204	300	-13.7	-1.3-2021.13	-1.91	0.00	-2.20-2025.25	320.29	0.00	0.00	0.00
96	205	301	-13.8	-1.2-2022.36	-2.24	0.81	-2.19-2025.97	327.63	0.00	0.00	0.00
96	206	302	-13.9	-1.1-2023.53	-2.18	0.00	-2.17-2027.88	333.80	0.00	0.00	0.00
96	207	303	-14.1	-1.1-2024.64	-2.58	0.81	-2.15-2028.56	341.19	0.00	0.00	0.00
96	208	304	-14.2	-1.0-2025.69	-2.66	0.00	-2.13-2030.48	347.34	0.00	0.00	0.00
96	209	305	-14.3	-1.0-2026.68	-3.08	0.81	-2.11-2031.06	354.83	0.00	0.00	0.00
96	210	306	-14.5	-0.9-2027.62	-3.09	0.00	-2.09-2032.80	361.16	0.00	0.00	0.00
96	211	307	-14.6	-0.8-2028.49	-3.17	0.81	-2.07-2032.93	369.10	0.00	0.00	0.00
96	212	308	-14.7	-0.8-2029.32	-2.91	0.00	-2.06-2034.28	375.83	0.00	0.00	0.00
96	213	309	-14.9	-0.7-2030.08	-3.08	0.80	-2.04-2034.39	383.78	0.00	0.00	0.00
96	214	310	-15.0	-0.7-2030.79	-2.77	0.00	-2.02-2035.58	390.67	0.00	0.00	0.00
96	215	311	-15.1	-0.6-2031.45	-3.00	0.80	-2.00-2035.65	398.67	0.00	0.00	0.00
96	216	312	-15.2	-0.6-2032.05	-2.79	0.00	-1.99-2036.83	405.56	0.00	0.00	0.00
96	217	313	-15.3	-0.5-2032.60	-3.12	0.80	-1.97-2036.89	413.57	0.00	0.00	0.00
96	218	314	-15.5	-0.5-2033.10	-3.13	0.00	-1.96-2038.18	420.35	0.00	0.00	0.00
96	219	315	-15.6	-0.4-2033.55	-3.36	0.80	-1.94-2038.05	428.56	0.00	0.00	0.00
96	220	316	-15.7	-0.4-2033.94	-3.33	0.00	-1.92-2039.20	435.48	0.00	0.00	0.00
96	221	317	-15.8	-0.3-2034.29	-3.55	0.79	-1.91-2038.95	443.80	0.00	0.00	0.00
96	222	318	-15.9	-0.3-2034.59	-3.24	0.00	-1.89-2039.72	451.10	0.00	0.00	0.00
97	121	218	1.7	-10.3-1609.35	-0.16	1.83	-6.30-1613.98	68.90	0.00	0.00	0.00
97	122	219	1.5	-10.2-1619.61	-0.26	1.04	-6.19-1625.01	65.93	0.00	0.00	0.00
97	123	220	1.3	-10.0-1629.69	-0.65	1.83	-6.09-1634.60	64.42	0.00	0.00	0.00
97	124	221	1.1	-9.8-1639.61	-0.83	1.04	-5.99-1645.38	61.71	0.00	0.00	0.00
97	125	222	0.8	-9.7-1649.36	-1.27	1.82	-5.89-1654.69	60.47	0.00	0.00	0.00
97	126	223	0.6	-9.5-1658.94	-1.47	1.04	-5.79-1665.16	58.07	0.00	0.00	0.00
97	127	224	0.4	-9.3-1668.37	-0.38	1.82	-5.70-1672.62	58.68	0.00	0.00	0.00
97	128	225	0.2	-9.2-1677.63	-0.25	1.04	-5.61-1682.44	56.94	0.00	0.00	0.00
97	129	226	-0.1	-9.0-1686.74	1.35	1.82	-5.52-1689.09	58.36	0.00	0.00	0.00
97	130	227	-0.3	-8.9-1695.68	0.84	1.04	-5.43-1699.23	56.29	0.00	0.00	0.00
97	131	228	-0.5	-8.7-1704.48	0.62	1.81	-5.35-1707.39	56.20	0.00	0.00	0.00
97	132	229	-0.7	-8.6-1713.12	0.47	1.04	-5.26-1716.87	54.80	0.00	0.00	0.00
97	133	230	-0.9	-8.4-1721.61	0.28	1.81	-5.18-1724.70	55.03	0.00	0.00	0.00
97	134	231	-1.1	-8.3-1729.95	0.08	1.04	-5.10-1733.93	53.87	0.00	0.00	0.00
97	135	232	-1.4	-8.1-1738.15	-0.24	1.81	-5.03-1741.61	54.26	0.00	0.00	0.00
97	136	233	-1.6	-8.0-1746.20	-0.39	1.04	-4.95-1750.50	53.45	0.00	0.00	0.00
97	137	234	-1.8	-7.8-1754.11	-0.75	1.80	-4.88-1757.94	54.08	0.00	0.00	0.00
97	138	235	-2.0	-7.7-1761.88	-0.92	1.04	-4.81-1766.56	53.53	0.00	0.00	0.00
97	139	236	-2.2	-7.6-1769.51	-1.32	1.80	-4.74-1773.77	54.39	0.00	0.00	0.00
97	140	237	-2.4	-7.4-1777.00	-1.52	1.04	-4.67-1782.15	54.09	0.00	0.00	0.00

97	141	238	-2.6	-7.3-1784.36	-1.85	1.80	-4.60-1789.01	55.29	0.00	0.00	0.00
97	142	239	-2.8	-7.2-1791.58	-2.03	1.04	-4.53-1797.10	55.28	0.00	0.00	0.00
97	143	240	-3.0	-7.0-1798.67	-2.48	1.79	-4.47-1803.83	56.62	0.00	0.00	0.00
97	144	241	-3.2	-6.9-1805.63	-2.48	1.04	-4.41-1811.47	57.05	0.00	0.00	0.00
97	145	242	-3.4	-6.8-1812.46	-2.79	1.79	-4.35-1817.81	58.78	0.00	0.00	0.00
97	146	243	-3.6	-6.6-1819.16	-2.94	1.04	-4.29-1825.34	59.32	58.68	-3.58	-0.64
97	147	244	-3.8	-6.5-1825.74	-3.27	1.79	-4.23-1831.45	61.28	60.70	-3.85	-0.58
97	148	245	-4.0	-6.4-1832.19	-3.21	1.04	-4.17-1838.53	62.28	61.81	-3.68	-0.47
97	149	246	-4.2	-6.3-1838.52	-3.52	1.78	-4.12-1844.37	64.51	0.00	0.00	0.00
97	150	247	-4.4	-6.1-1844.72	-3.46	1.04	-4.06-1851.20	65.75	65.48	-3.73	-0.27
97	151	248	-4.6	-6.0-1850.81	-3.71	1.78	-4.01-1856.75	68.27	68.11	-3.87	-0.16
97	152	249	-4.8	-5.9-1856.78	-3.55	1.04	-3.95-1863.24	69.85	69.84	-3.56	-0.01
97	153	250	-5.0	-5.8-1862.63	-3.45	1.78	-3.90-1868.21	72.95	72.95	-3.45	0.00
97	154	251	-5.2	-5.7-1868.37	-3.03	1.04	-3.85-1874.21	75.02	75.22	-2.83	0.20
97	155	252	-5.4	-5.6-1873.99	-2.55	1.77	-3.80-1878.57	78.73	0.00	0.00	0.00
97	156	253	-5.6	-5.5-1879.50	-2.17	1.04	-3.76-1884.38	80.99	0.00	0.00	0.00
97	157	254	-5.7	-5.3-1884.90	-1.95	1.77	-3.71-1888.79	84.66	0.00	0.00	0.00
97	158	255	-5.9	-5.2-1890.19	-1.69	1.04	-3.66-1894.50	87.02	0.00	0.00	0.00
97	159	256	-6.1	-5.1-1895.37	-1.82	1.77	-3.62-1899.04	90.55	0.00	0.00	0.00
97	160	257	-6.3	-5.0-1900.44	-1.69	1.04	-3.57-1904.66	93.00	0.00	0.00	0.00
97	161	258	-6.5	-4.9-1905.41	-1.89	1.76	-3.53-1909.06	96.67	0.00	0.00	0.00
97	162	259	-6.7	-4.8-1910.27	-1.76	1.04	-3.49-1914.47	99.33	0.00	0.00	0.00
97	163	260	-6.8	-4.7-1915.03	-1.76	1.76	-3.44-1918.47	103.40	0.00	0.00	0.00
97	164	261	-7.0	-4.6-1919.69	-1.27	1.04	-3.40-1923.32	106.63	0.00	0.00	0.00
97	165	262	-7.2	-4.5-1924.24	-1.11	1.76	-3.36-1926.96	111.06	0.00	0.00	0.00
97	166	263	-7.4	-4.4-1928.70	-0.67	1.04	-3.32-1931.65	114.45	0.00	0.00	0.00
97	167	264	-7.5	-4.3-1933.06	-0.35	1.76	-3.28-1934.93	119.23	0.00	0.00	0.00
97	168	265	-7.7	-4.2-1937.31	-0.21	1.04	-3.25-1939.73	122.51	0.00	0.00	0.00
97	169	266	-7.9	-4.1-1941.48	-0.47	1.75	-3.21-1943.40	126.90	0.00	0.00	0.00
97	170	267	-8.1	-4.0-1945.55	0.22	1.04	-3.17-1947.45	130.92	0.00	0.00	0.00
97	171	268	-8.2	-3.9-1949.52	0.00	1.75	-3.14-1950.91	135.54	0.00	0.00	0.00
97	172	269	-8.4	-3.8-1953.40	-0.45	1.04	-3.10-1955.91	138.61	0.00	0.00	0.00
97	173	270	-8.6	-3.7-1957.19	-0.44	1.75	-3.07-1958.95	143.64	0.00	0.00	0.00
97	174	271	-8.7	-3.7-1960.89	-0.40	1.04	-3.03-1963.28	147.38	0.00	0.00	0.00
97	175	272	-8.9	-3.6-1964.50	-0.81	1.75	-3.00-1966.56	152.17	0.00	0.00	0.00
97	176	273	-9.1	-3.5-1968.02	-1.03	1.04	-2.97-1970.97	155.83	0.00	0.00	0.00
97	177	274	-9.2	-3.4-1971.45	-1.46	1.74	-2.93-1974.11	160.77	0.00	0.00	0.00
97	178	275	-9.4	-3.3-1974.80	-1.31	1.04	-2.90-1977.97	164.98	0.00	0.00	0.00
97	179	276	-9.6	-3.2-1978.06	-1.29	1.74	-2.87-1980.48	170.54	0.00	0.00	0.00
97	180	277	-9.7	-3.1-1981.24	-1.23	1.04	-2.84-1984.27	174.82	0.00	0.00	0.00
97	181	278	-9.9	-3.0-1984.34	-1.52	1.74	-2.81-1986.93	180.23	0.00	0.00	0.00
97	182	279	-10.1	-3.0-1987.35	-1.26	1.04	-2.78-1990.34	184.89	0.00	0.00	0.00
97	183	280	-10.2	-2.9-1990.28	-1.39	1.74	-2.75-1992.68	190.62	0.00	0.00	0.00
97	184	281	-10.4	-2.8-1993.13	-0.90	1.04	-2.72-1995.71	195.67	0.00	0.00	0.00
97	185	282	-10.5	-2.7-1995.90	-0.38	1.73	-2.70-1997.24	202.21	0.00	0.00	0.00
97	186	283	-10.7	-2.6-1998.59	0.13	1.04	-2.67-2000.08	207.44	0.00	0.00	0.00
97	187	284	-10.8	-2.6-2001.20	0.47	1.73	-2.64-2001.65	213.95	0.00	0.00	0.00
97	188	285	-11.0	-2.5-2003.74	0.56	1.04	-2.62-2004.75	218.91	0.00	0.00	0.00
97	189	286	-11.1	-2.4-2006.20	0.26	1.73	-2.59-2006.80	224.93	0.00	0.00	0.00
97	190	287	-11.3	-2.3-2008.59	0.18	1.04	-2.56-2009.93	229.88	0.00	0.00	0.00
97	191	288	-11.4	-2.3-2010.90	-0.14	1.73	-2.54-2011.86	236.02	0.00	0.00	0.00
97	192	289	-11.6	-2.2-2013.14	-0.16	1.04	-2.51-2014.77	241.18	0.00	0.00	0.00
97	193	290	-11.7	-2.1-2015.31	-0.44	1.72	-2.49-2016.51	247.51	0.00	0.00	0.00
97	194	291	-11.9	-2.1-2017.41	-0.45	1.04	-2.47-2019.28	252.81	0.00	0.00	0.00
97	195	292	-12.0	-2.0-2019.43	-0.72	1.72	-2.44-2020.87	259.29	0.00	0.00	0.00
97	196	293	-12.2	-1.9-2021.39	-0.73	1.04	-2.42-2023.49	264.74	0.00	0.00	0.00
97	197	294	-12.3	-1.8-2023.27	-1.09	1.72	-2.40-2025.04	271.27	0.00	0.00	0.00
97	198	295	-12.5	-1.8-2025.09	-1.06	1.04	-2.37-2027.48	276.89	0.00	0.00	0.00
97	199	296	-12.6	-1.7-2026.84	-1.50	1.72	-2.35-2028.98	283.47	0.00	0.00	0.00
97	200	297	-12.7	-1.6-2028.53	-1.57	1.04	-2.33-2031.38	289.14	0.00	0.00	0.00
97	201	298	-12.9	-1.6-2030.15	-1.95	1.72	-2.31-2032.69	295.90	0.00	0.00	0.00
97	202	299	-13.0	-1.5-2031.70	-1.93	1.04	-2.29-2034.88	301.79	0.00	0.00	0.00
97	203	300	-13.1	-1.5-2033.19	-2.44	1.71	-2.27-2036.19	308.55	0.00	0.00	0.00
97	204	301	-13.3	-1.4-2034.62	-2.38	1.04	-2.25-2038.20	314.60	0.00	0.00	0.00
97	205	302	-13.4	-1.3-2035.99	-2.74	1.71	-2.23-2039.24	321.64	0.00	0.00	0.00
97	206	303	-13.6	-1.3-2037.29	-2.44	1.04	-2.21-2040.89	328.06	0.00	0.00	0.00

97	207	304-13.7	-1.2-2038.53	-2.77	1.71	-2.19-2041.78	335.24	0.00	0.00	0.00	
97	208	305-13.8	-1.1-2039.71	-2.88	1.04	-2.17-2043.72	341.38	0.00	0.00	0.00	
97	209	306-13.9	-1.1-2040.83	-3.31	1.71	-2.15-2044.58	348.58	0.00	0.00	0.00	
97	210	307-14.1	-1.0-2041.90	-3.32	1.04	-2.13-2046.30	354.93	0.00	0.00	0.00	
97	211	308-14.2	-1.0-2042.90	-3.58	1.71	-2.11-2046.89	362.42	0.00	0.00	0.00	
97	212	309-14.3	-0.9-2043.85	-3.35	1.04	-2.09-2048.25	369.13	0.00	0.00	0.00	
97	213	310-14.5	-0.9-2044.74	-3.38	1.70	-2.08-2048.49	376.96	0.00	0.00	0.00	
97	214	311-14.6	-0.8-2045.58	-3.13	1.04	-2.06-2049.72	383.80	0.00	0.00	0.00	
97	215	312-14.7	-0.7-2046.35	-3.30	1.70	-2.04-2049.99	391.60	0.00	0.00	0.00	
97	216	313-14.8	-0.7-2047.08	-3.11	1.04	-2.03-2051.17	398.49	0.00	0.00	0.00	
97	217	314-15.0	-0.6-2047.75	-3.52	1.70	-2.01-2051.58	406.15	0.00	0.00	0.00	
97	218	315-15.1	-0.6-2048.37	-3.52	1.04	-1.99-2052.84	412.97	0.00	0.00	0.00	
97	219	316-15.2	-0.5-2048.94	-3.70	1.70	-1.98-2052.91	420.96	0.00	0.00	0.00	
97	220	317-15.3	-0.5-2049.45	-3.67	1.04	-1.96-2054.04	427.91	0.00	0.00	0.00	
97	221	318-15.4	-0.4-2049.91	-3.89	1.70	-1.94-2054.05	435.97	0.00	0.00	0.00	
97	222	319-15.6	-0.4-2050.33	-3.61	1.04	-1.93-2054.82	443.27	0.00	0.00	0.00	
97	223	320-15.7	-0.3-2050.69	-3.73	1.70	-1.91-2054.64	451.52	0.00	0.00	0.00	
97	224	321-15.8	-0.3-2051.01	-3.37	1.04	-1.90-2055.23	459.00	0.00	0.00	0.00	
98	123	221	1.7-10.2-1628.21	-0.73	0.97	-6.22-1634.19	72.10	0.00	0.00	0.00	
98	124	222	1.5-10.1-1638.35	-0.93	0.00	-6.11-1645.39	68.97	0.00	0.00	0.00	
98	125	223	1.2	-9.9-1648.32	-1.37	0.96	-6.01-1654.75	67.68	0.00	0.00	0.00
98	126	224	1.0	-9.7-1658.13	-1.52	0.00	-5.92-1665.57	64.93	0.00	0.00	0.00
98	127	225	0.8	-9.6-1667.78	-0.54	0.95	-5.82-1673.18	65.39	0.00	0.00	0.00
98	128	226	0.6	-9.4-1677.26	-0.23	0.00	-5.73-1683.22	63.43	0.00	0.00	0.00
98	129	227	0.4	-9.2-1686.59	1.28	0.95	-5.64-1689.99	64.72	0.00	0.00	0.00
98	130	228	0.1	-9.1-1695.76	0.86	0.00	-5.55-1700.44	62.35	0.00	0.00	0.00
98	131	229	-0.1	-8.9-1704.77	0.70	0.95	-5.46-1708.58	62.28	0.00	0.00	0.00
98	132	230	-0.3	-8.8-1713.63	0.61	0.00	-5.37-1718.39	60.54	0.00	0.00	0.00
98	133	231	-0.5	-8.6-1722.33	0.39	0.94	-5.29-1726.30	60.71	0.00	0.00	0.00
98	134	232	-0.7	-8.5-1730.89	0.24	0.00	-5.21-1735.86	59.21	0.00	0.00	0.00
98	135	233	-0.9	-8.3-1739.30	0.00	0.94	-5.13-1743.50	59.65	0.00	0.00	0.00
98	136	234	-1.1	-8.2-1747.56	-0.18	0.00	-5.06-1752.80	58.42	0.00	0.00	0.00
98	137	235	-1.4	-8.0-1755.68	-0.53	0.93	-4.98-1760.26	59.02	0.00	0.00	0.00
98	138	236	-1.6	-7.9-1763.66	-0.70	0.00	-4.91-1769.27	58.09	0.00	0.00	0.00
98	139	237	-1.8	-7.8-1771.50	-1.11	0.93	-4.84-1776.52	58.91	0.00	0.00	0.00
98	140	238	-2.0	-7.6-1779.20	-1.32	0.00	-4.77-1785.28	58.22	0.00	0.00	0.00
98	141	239	-2.2	-7.5-1786.76	-1.65	0.92	-4.70-1792.19	59.39	0.00	0.00	0.00
98	142	240	-2.4	-7.4-1794.19	-1.86	0.00	-4.63-1800.68	58.97	0.00	0.00	0.00
98	143	241	-2.6	-7.2-1801.48	-2.34	0.92	-4.56-1807.47	60.25	0.00	0.00	0.00
98	144	242	-2.8	-7.1-1808.64	-2.40	0.00	-4.50-1815.54	60.25	59.32	-3.33	-0.93
98	145	243	-3.0	-7.0-1815.67	-2.92	0.91	-4.44-1822.12	61.74	0.00	0.00	0.00
98	146	244	-3.2	-6.8-1822.57	-2.94	0.00	-4.38-1829.89	62.04	61.46	-3.52	-0.58
98	147	245	-3.4	-6.7-1829.35	-3.27	0.91	-4.32-1836.03	63.98	63.38	-3.87	-0.60
98	148	246	-3.6	-6.6-1836.00	-3.25	0.00	-4.26-1843.51	64.57	64.09	-3.73	-0.48
98	149	247	-3.8	-6.5-1842.52	-3.61	0.91	-4.20-1849.43	66.72	66.13	-4.20	-0.59
98	150	248	-4.0	-6.3-1848.93	-3.57	0.00	-4.15-1856.64	67.58	67.24	-3.91	-0.34
98	151	249	-4.2	-6.2-1855.21	-3.87	0.90	-4.09-1862.27	70.02	69.72	-4.17	-0.30
98	152	250	-4.4	-6.1-1861.37	-3.87	0.00	-4.04-1869.28	71.08	71.17	-3.78	0.09
98	153	251	-4.6	-6.0-1867.41	-3.65	0.90	-3.98-1874.15	74.28	74.13	-3.80	-0.15
98	154	252	-4.8	-5.9-1873.34	-3.23	0.00	-3.93-1880.50	76.00	76.03	-3.20	0.03
98	155	253	-4.9	-5.8-1879.15	-2.77	0.89	-3.88-1884.91	79.66	79.29	-3.14	-0.37
98	156	254	-5.1	-5.6-1884.85	-2.39	0.00	-3.83-1891.07	81.57	81.34	-2.62	-0.23
98	157	255	-5.3	-5.5-1890.44	-2.40	0.89	-3.78-1895.73	84.99	0.00	0.00	0.00
98	158	256	-5.5	-5.4-1895.91	-1.97	0.00	-3.74-1901.62	87.17	0.00	0.00	0.00
98	159	257	-5.7	-5.3-1901.28	-2.11	0.89	-3.69-1906.19	90.67	0.00	0.00	0.00
98	160	258	-5.9	-5.2-1906.53	-2.00	0.00	-3.64-1912.18	92.75	0.00	0.00	0.00
98	161	259	-6.1	-5.1-1911.68	-2.21	0.88	-3.60-1916.61	96.39	0.00	0.00	0.00
98	162	260	-6.2	-5.0-1916.72	-2.12	0.00	-3.56-1922.40	98.67	0.00	0.00	0.00
98	163	261	-6.4	-4.9-1921.66	-2.16	0.88	-3.51-1926.46	102.69	0.00	0.00	0.00
98	164	262	-6.6	-4.8-1926.50	-1.63	0.00	-3.47-1931.60	105.62	0.00	0.00	0.00
98	165	263	-6.8	-4.7-1931.23	-1.42	0.88	-3.43-1935.21	110.08	0.00	0.00	0.00
98	166	264	-7.0	-4.6-1935.86	-0.94	0.00	-3.39-1940.19	113.17	0.00	0.00	0.00
98	167	265	-7.1	-4.5-1940.40	-0.58	0.87	-3.35-1943.46	117.98	0.00	0.00	0.00
98	168	266	-7.3	-4.4-1944.83	-0.49	0.00	-3.31-1948.63	120.87	0.00	0.00	0.00
98	169	267	-7.5	-4.3-1949.17	-0.66	0.87	-3.27-1952.23	125.34	0.00	0.00	0.00
98	170	268	-7.6	-4.2-1953.41	0.04	0.00	-3.24-1956.60	129.04	0.00	0.00	0.00

98	171	269	-7.8	-4.1-1957.55	-0.19	0.86	-3.20-1960.08	133.64	0.00	0.00	0.00
98	172	270	-8.0	-4.0-1961.61	-0.45	0.00	-3.16-1965.22	136.57	0.00	0.00	0.00
98	173	271	-8.2	-3.9-1965.56	-0.62	0.86	-3.13-1968.45	141.41	0.00	0.00	0.00
98	174	272	-8.3	-3.8-1969.43	-0.58	0.00	-3.09-1973.10	144.83	0.00	0.00	0.00
98	175	273	-8.5	-3.7-1973.21	-0.96	0.86	-3.06-1976.37	149.63	0.00	0.00	0.00
98	176	274	-8.7	-3.6-1976.89	-1.08	0.00	-3.03-1981.00	153.07	0.00	0.00	0.00
98	177	275	-8.8	-3.6-1980.49	-1.49	0.85	-2.99-1984.12	158.03	0.00	0.00	0.00
98	178	276	-9.0	-3.5-1984.00	-1.35	0.00	-2.96-1988.31	161.90	0.00	0.00	0.00
98	179	277	-9.2	-3.4-1987.43	-1.39	0.85	-2.93-1990.89	167.39	0.00	0.00	0.00
98	180	278	-9.3	-3.3-1990.77	-1.29	0.00	-2.90-1994.96	171.40	0.00	0.00	0.00
98	181	279	-9.5	-3.2-1994.02	-1.57	0.85	-2.87-1997.61	176.82	0.00	0.00	0.00
98	182	280	-9.6	-3.1-1997.19	-1.31	0.00	-2.84-2001.34	181.16	0.00	0.00	0.00
98	183	281	-9.8	-3.0-2000.28	-1.41	0.85	-2.81-2003.65	186.92	0.00	0.00	0.00
98	184	282	-10.0	-3.0-2003.29	-0.90	0.00	-2.78-2006.97	191.68	0.00	0.00	0.00
98	185	283	-10.1	-2.9-2006.22	-0.34	0.84	-2.75-2008.46	198.25	0.00	0.00	0.00
98	186	284	-10.3	-2.8-2009.06	0.16	0.00	-2.72-2011.62	203.16	0.00	0.00	0.00
98	187	285	-10.4	-2.7-2011.83	0.41	0.84	-2.69-2013.27	209.59	0.00	0.00	0.00
98	188	286	-10.6	-2.6-2014.52	0.62	0.00	-2.67-2016.57	214.36	0.00	0.00	0.00
98	189	287	-10.7	-2.6-2017.14	0.31	0.84	-2.64-2018.63	220.37	0.00	0.00	0.00
98	190	288	-10.9	-2.5-2019.67	0.23	0.00	-2.61-2022.06	225.02	0.00	0.00	0.00
98	191	289	-11.0	-2.4-2022.14	-0.09	0.83	-2.59-2023.98	231.17	0.00	0.00	0.00
98	192	290	-11.2	-2.3-2024.52	-0.11	0.00	-2.56-2027.20	236.02	0.00	0.00	0.00
98	193	291	-11.3	-2.3-2026.84	-0.42	0.83	-2.54-2028.97	242.32	0.00	0.00	0.00
98	194	292	-11.5	-2.2-2029.08	-0.43	0.00	-2.51-2032.03	247.33	0.00	0.00	0.00
98	195	293	-11.6	-2.1-2031.25	-0.72	0.83	-2.49-2033.64	253.80	0.00	0.00	0.00
98	196	294	-11.8	-2.1-2033.35	-0.74	0.00	-2.47-2036.56	258.94	0.00	0.00	0.00
98	197	295	-11.9	-2.0-2035.38	-1.03	0.82	-2.44-2038.03	265.54	0.00	0.00	0.00
98	198	296	-12.0	-1.9-2037.35	-1.13	0.00	-2.42-2040.90	270.75	0.00	0.00	0.00
98	199	297	-12.2	-1.9-2039.24	-1.52	0.82	-2.40-2042.33	277.38	0.00	0.00	0.00
98	200	298	-12.3	-1.8-2041.06	-1.65	0.00	-2.38-2045.09	282.70	0.00	0.00	0.00
98	201	299	-12.5	-1.7-2042.82	-2.06	0.82	-2.35-2046.42	289.44	0.00	0.00	0.00
98	202	300	-12.6	-1.7-2044.52	-2.06	0.00	-2.33-2048.91	295.02	0.00	0.00	0.00
98	203	301	-12.8	-1.6-2046.15	-2.47	0.82	-2.31-2050.11	301.89	0.00	0.00	0.00
98	204	302	-12.9	-1.5-2047.71	-2.38	0.00	-2.29-2052.38	307.70	0.00	0.00	0.00
98	205	303	-13.0	-1.5-2049.21	-2.80	0.81	-2.27-2053.46	314.68	0.00	0.00	0.00
98	206	304	-13.2	-1.4-2050.65	-2.65	0.00	-2.25-2055.54	320.67	0.00	0.00	0.00
98	207	305	-13.3	-1.3-2052.02	-2.91	0.81	-2.23-2056.35	327.94	0.00	0.00	0.00
98	208	306	-13.4	-1.3-2053.34	-2.74	0.00	-2.21-2058.29	334.07	0.00	0.00	0.00
98	209	307	-13.6	-1.2-2054.59	-3.27	0.81	-2.19-2059.24	341.19	0.00	0.00	0.00
98	210	308	-13.7	-1.2-2055.78	-3.19	0.00	-2.17-2061.14	347.36	0.00	0.00	0.00
98	211	309	-13.8	-1.1-2056.92	-3.47	0.81	-2.15-2061.73	354.84	0.00	0.00	0.00
98	212	310	-13.9	-1.0-2057.99	-3.23	0.00	-2.13-2063.36	361.29	0.00	0.00	0.00
98	213	311	-14.1	-1.0-2059.01	-3.30	0.80	-2.12-2063.62	369.09	0.00	0.00	0.00
98	214	312	-14.2	-0.9-2059.97	-3.06	0.00	-2.10-2065.13	375.66	0.00	0.00	0.00
98	215	313	-14.3	-0.9-2060.88	-3.29	0.80	-2.08-2065.45	383.41	0.00	0.00	0.00
98	216	314	-14.5	-0.8-2061.73	-3.09	0.00	-2.06-2066.88	390.05	0.00	0.00	0.00
98	217	315	-14.6	-0.8-2062.52	-3.57	0.80	-2.05-2067.34	397.66	0.00	0.00	0.00
98	218	316	-14.7	-0.7-2063.26	-3.32	0.00	-2.03-2068.61	404.46	0.00	0.00	0.00
98	219	317	-14.8	-0.7-2063.95	-3.79	0.80	-2.01-2068.96	412.19	0.00	0.00	0.00
98	220	318	-14.9	-0.6-2064.58	-3.81	0.00	-2.00-2070.39	418.83	0.00	0.00	0.00
98	221	319	-15.1	-0.6-2065.17	-4.05	0.79	-1.98-2070.40	426.89	0.00	0.00	0.00
98	222	320	-15.2	-0.5-2065.70	-3.71	0.00	-1.96-2071.37	433.99	0.00	0.00	0.00
98	223	321	-15.3	-0.5-2066.18	-3.91	0.79	-1.95-2071.25	442.19	0.00	0.00	0.00
98	224	322	-15.4	-0.4-2066.61	-3.55	0.00	-1.93-2072.09	449.41	0.00	0.00	0.00
98	225	323	-15.5	-0.4-2066.99	-3.64	0.79	-1.92-2071.76	457.82	0.00	0.00	0.00
98	226	324	-15.6	-0.3-2067.32	-0.03	0.00	-1.90-2069.25	468.39	0.00	0.00	0.00
98	227	325	-15.8	-0.3-2067.61	-0.88	0.79	-1.89-2069.59	476.13	0.00	0.00	0.00
99	125	224	1.7	-10.1-1646.87	-1.22	1.82	-6.14-1652.42	77.28	0.00	0.00	0.00
99	126	225	1.4	-9.9-1656.90	-1.34	1.04	-6.04-1663.25	74.52	0.00	0.00	0.00
99	127	226	1.2	-9.8-1666.77	-0.37	1.81	-5.94-1671.27	74.57	0.00	0.00	0.00
99	128	227	1.0	-9.6-1676.48	-0.26	1.04	-5.85-1681.55	72.37	0.00	0.00	0.00
99	129	228	0.8	-9.5-1686.02	1.37	1.81	-5.75-1688.60	73.39	0.00	0.00	0.00
99	130	229	0.6	-9.3-1695.41	0.55	1.04	-5.66-1699.48	70.57	0.00	0.00	0.00
99	131	230	0.3	-9.1-1704.64	0.40	1.81	-5.57-1708.01	70.12	0.00	0.00	0.00
99	132	231	0.1	-9.0-1713.71	0.34	1.04	-5.49-1717.82	68.38	0.00	0.00	0.00
99	133	232	-0.1	-8.8-1722.63	0.13	1.80	-5.40-1726.10	68.17	0.00	0.00	0.00

99	134	233	-0.3	-8.7-1731.40	0.06	1.04	-5.32-1735.63	66.71	0.00	0.00	0.00
99	135	234	-0.5	-8.5-1740.03	-0.22	1.80	-5.24-1743.69	66.73	0.00	0.00	0.00
99	136	235	-0.7	-8.4-1748.50	-0.39	1.04	-5.16-1753.02	65.47	0.00	0.00	0.00
99	137	236	-0.9	-8.3-1756.83	-0.72	1.80	-5.09-1760.84	65.71	0.00	0.00	0.00
99	138	237	-1.1	-8.1-1765.02	-0.94	1.04	-5.01-1769.93	64.70	0.00	0.00	0.00
99	139	238	-1.4	-8.0-1773.07	-1.32	1.79	-4.94-1777.53	65.17	0.00	0.00	0.00
99	140	239	-1.6	-7.8-1780.97	-1.60	1.04	-4.87-1786.40	64.37	0.00	0.00	0.00
99	141	240	-1.8	-7.7-1788.74	-1.94	1.79	-4.80-1793.69	65.16	0.00	0.00	0.00
99	142	241	-2.0	-7.6-1796.37	-2.22	1.04	-4.73-1802.28	64.64	0.00	0.00	0.00
99	143	242	-2.2	-7.4-1803.87	-2.58	1.79	-4.66-1809.32	65.67	0.00	0.00	0.00
99	144	243	-2.4	-7.3-1811.23	-2.64	1.04	-4.59-1817.43	65.63	0.00	0.00	0.00
99	145	244	-2.6	-7.2-1818.46	-3.22	1.78	-4.53-1824.43	66.70	0.00	0.00	0.00
99	146	245	-2.8	-7.0-1825.56	-3.26	1.04	-4.47-1832.25	66.95	0.00	0.00	0.00
99	147	246	-3.0	-6.9-1832.54	-3.63	1.78	-4.41-1838.79	68.48	0.00	0.00	0.00
99	148	247	-3.2	-6.8-1839.38	-3.64	1.04	-4.35-1846.33	69.01	68.55	-4.10	-0.46
99	149	248	-3.4	-6.7-1846.10	-4.01	1.78	-4.29-1852.63	70.79	70.29	-4.51	-0.50
99	150	249	-3.6	-6.5-1852.70	-4.03	1.04	-4.23-1859.93	71.56	71.11	-4.48	-0.45
99	151	250	-3.8	-6.4-1859.18	-4.52	1.77	-4.17-1866.10	73.46	0.00	0.00	0.00
99	152	251	-3.9	-6.3-1865.53	-4.38	1.04	-4.12-1872.99	74.63	74.51	-4.50	-0.12
99	153	252	-4.1	-6.2-1871.77	-4.14	1.77	-4.07-1878.20	77.50	77.29	-4.35	-0.21
99	154	253	-4.3	-6.1-1877.89	-3.73	1.04	-4.01-1884.59	79.18	79.01	-3.90	-0.17
99	155	254	-4.5	-5.9-1883.89	-3.28	1.77	-3.96-1889.36	82.48	81.99	-3.77	-0.49
99	156	255	-4.7	-5.8-1889.77	-2.90	1.04	-3.91-1895.55	84.37	84.08	-3.19	-0.29
99	157	256	-4.9	-5.7-1895.55	-2.92	1.76	-3.86-1900.56	87.42	0.00	0.00	0.00
99	158	257	-5.1	-5.6-1901.21	-2.62	1.04	-3.81-1906.60	89.45	0.00	0.00	0.00
99	159	258	-5.3	-5.5-1906.76	-2.62	1.76	-3.77-1911.38	92.75	0.00	0.00	0.00
99	160	259	-5.5	-5.4-1912.20	-2.51	1.04	-3.72-1917.39	94.81	0.00	0.00	0.00
99	161	260	-5.6	-5.3-1917.53	-2.75	1.76	-3.67-1922.20	98.08	0.00	0.00	0.00
99	162	261	-5.8	-5.2-1922.75	-2.65	1.04	-3.63-1927.99	100.35	0.00	0.00	0.00
99	163	262	-6.0	-5.1-1927.87	-2.65	1.76	-3.58-1932.35	104.06	0.00	0.00	0.00
99	164	263	-6.2	-5.0-1932.89	-2.17	1.04	-3.54-1937.56	106.92	0.00	0.00	0.00
99	165	264	-6.4	-4.9-1937.80	-1.93	1.75	-3.50-1941.48	111.08	0.00	0.00	0.00
99	166	265	-6.5	-4.8-1942.61	-1.46	1.04	-3.46-1946.49	114.14	0.00	0.00	0.00
99	167	266	-6.7	-4.7-1947.32	-0.95	1.75	-3.42-1949.94	118.76	0.00	0.00	0.00
99	168	267	-6.9	-4.6-1951.93	-0.85	1.04	-3.38-1955.12	121.65	0.00	0.00	0.00
99	169	268	-7.1	-4.5-1956.44	-0.99	1.75	-3.34-1959.02	125.82	0.00	0.00	0.00
99	170	269	-7.2	-4.4-1960.85	-0.40	1.04	-3.30-1963.51	129.40	0.00	0.00	0.00
99	171	270	-7.4	-4.3-1965.17	-0.61	1.74	-3.26-1967.30	133.69	0.00	0.00	0.00
99	172	271	-7.6	-4.2-1969.39	-0.39	1.04	-3.23-1971.97	137.09	0.00	0.00	0.00
99	173	272	-7.7	-4.1-1973.52	-0.79	1.74	-3.19-1975.76	141.37	0.00	0.00	0.00
99	174	273	-7.9	-4.0-1977.56	-0.74	1.04	-3.15-1980.41	144.79	0.00	0.00	0.00
99	175	274	-8.1	-3.9-1981.50	-1.13	1.74	-3.12-1984.01	149.26	0.00	0.00	0.00
99	176	275	-8.2	-3.8-1985.35	-0.89	1.04	-3.09-1988.29	153.05	0.00	0.00	0.00
99	177	276	-8.4	-3.7-1989.11	-1.51	1.74	-3.05-1991.94	157.48	0.00	0.00	0.00
99	178	277	-8.6	-3.6-1992.79	-1.36	1.04	-3.02-1996.13	161.35	0.00	0.00	0.00
99	179	278	-8.7	-3.5-1996.38	-1.41	1.73	-2.99-1999.04	166.52	0.00	0.00	0.00
99	180	279	-8.9	-3.5-1999.88	-1.24	1.04	-2.95-2003.04	170.59	0.00	0.00	0.00
99	181	280	-9.1	-3.4-2003.29	-1.49	1.73	-2.92-2005.98	175.72	0.00	0.00	0.00
99	182	281	-9.2	-3.3-2006.63	-1.15	1.04	-2.89-2009.63	180.14	0.00	0.00	0.00
99	183	282	-9.4	-3.2-2009.87	-1.30	1.73	-2.86-2012.31	185.54	0.00	0.00	0.00
99	184	283	-9.5	-3.1-2013.04	-0.79	1.04	-2.83-2015.62	190.29	0.00	0.00	0.00
99	185	284	-9.7	-3.0-2016.12	-0.45	1.73	-2.80-2017.65	196.34	0.00	0.00	0.00
99	186	285	-9.9	-3.0-2019.12	0.10	1.04	-2.77-2020.76	201.30	0.00	0.00	0.00
99	187	286	-10.0	-2.9-2022.05	0.55	1.72	-2.75-2022.52	207.61	0.00	0.00	0.00
99	188	287	-10.2	-2.8-2024.89	0.40	1.04	-2.72-2026.17	212.03	0.00	0.00	0.00
99	189	288	-10.3	-2.7-2027.66	0.09	1.72	-2.69-2028.54	217.74	0.00	0.00	0.00
99	190	289	-10.5	-2.6-2030.35	0.01	1.04	-2.66-2031.96	222.38	0.00	0.00	0.00
99	191	290	-10.6	-2.6-2032.96	-0.30	1.72	-2.64-2034.18	228.24	0.00	0.00	0.00
99	192	291	-10.8	-2.5-2035.50	-0.35	1.04	-2.61-2037.42	233.06	0.00	0.00	0.00
99	193	292	-10.9	-2.4-2037.96	-0.66	1.72	-2.59-2039.49	239.07	0.00	0.00	0.00
99	194	293	-11.1	-2.3-2040.35	-0.68	1.04	-2.56-2042.56	244.07	0.00	0.00	0.00
99	195	294	-11.2	-2.3-2042.67	-0.98	1.72	-2.54-2044.47	250.23	0.00	0.00	0.00
99	196	295	-11.4	-2.2-2044.92	-1.00	1.04	-2.51-2047.39	255.38	0.00	0.00	0.00
99	197	296	-11.5	-2.1-2047.09	-1.39	1.71	-2.49-2049.26	261.58	0.00	0.00	0.00
99	198	297	-11.6	-2.1-2049.20	-1.44	1.04	-2.47-2052.07	266.85	0.00	0.00	0.00
99	199	298	-11.8	-2.0-2051.23	-1.90	1.71	-2.44-2053.86	273.12	0.00	0.00	0.00

99	200	299-11.9	-1.9-2053.20	-1.98	1.04	-2.42-2056.56	278.50	0.00	0.00	0.00
99	201	300-12.1	-1.9-2055.10	-2.45	1.71	-2.40-2058.24	284.89	0.00	0.00	0.00
99	202	301-12.2	-1.8-2056.93	-2.47	1.04	-2.38-2060.74	290.46	0.00	0.00	0.00
99	203	302-12.4	-1.7-2058.70	-2.86	1.71	-2.35-2062.21	297.07	0.00	0.00	0.00
99	204	303-12.5	-1.7-2060.40	-2.78	1.04	-2.33-2064.48	302.87	0.00	0.00	0.00
99	205	304-12.6	-1.6-2062.04	-3.06	1.71	-2.31-2065.70	309.71	0.00	0.00	0.00
99	206	305-12.8	-1.5-2063.61	-2.91	1.04	-2.29-2067.77	315.71	0.00	0.00	0.00
99	207	306-12.9	-1.5-2065.12	-3.12	1.70	-2.27-2068.81	322.75	0.00	0.00	0.00
99	208	307-13.0	-1.4-2066.57	-3.01	1.04	-2.25-2070.79	328.84	0.00	0.00	0.00
99	209	308-13.2	-1.4-2067.95	-3.46	1.70	-2.23-2071.94	335.76	0.00	0.00	0.00
99	210	309-13.3	-1.3-2069.28	-3.35	1.04	-2.21-2073.80	341.97	0.00	0.00	0.00
99	211	310-13.4	-1.2-2070.54	-3.66	1.70	-2.19-2074.70	349.15	0.00	0.00	0.00
99	212	311-13.6	-1.2-2071.75	-3.43	1.04	-2.17-2076.31	355.60	0.00	0.00	0.00
99	213	312-13.7	-1.1-2072.90	-3.64	1.70	-2.16-2076.99	362.99	0.00	0.00	0.00
99	214	313-13.8	-1.1-2073.98	-3.55	1.04	-2.14-2078.63	369.42	0.00	0.00	0.00
99	215	314-13.9	-1.0-2075.02	-3.64	1.70	-2.12-2079.08	377.05	0.00	0.00	0.00
99	216	315-14.1	-0.9-2075.99	-3.49	1.04	-2.10-2080.54	383.66	0.00	0.00	0.00
99	217	316-14.2	-0.9-2076.91	-3.96	1.69	-2.08-2081.26	391.01	0.00	0.00	0.00
99	218	317-14.3	-0.8-2077.77	-3.68	1.04	-2.07-2082.48	397.86	0.00	0.00	0.00
99	219	318-14.4	-0.8-2078.58	-4.14	1.69	-2.05-2083.08	405.34	0.00	0.00	0.00
99	220	319-14.6	-0.7-2079.34	-4.18	1.04	-2.03-2084.51	411.97	0.00	0.00	0.00
99	221	320-14.7	-0.7-2080.04	-4.44	1.69	-2.02-2084.81	419.75	0.00	0.00	0.00
99	222	321-14.8	-0.6-2080.69	-4.13	1.04	-2.00-2085.78	426.85	0.00	0.00	0.00
99	223	322-14.9	-0.6-2081.29	-4.29	1.69	-1.98-2085.87	434.83	0.00	0.00	0.00
99	224	323-15.0	-0.5-2081.84	-3.94	1.04	-1.97-2086.71	442.07	0.00	0.00	0.00
99	225	324-15.2	-0.5-2082.33	-4.06	1.69	-1.95-2086.66	450.18	0.00	0.00	0.00
99	226	325-15.3	-0.4-2082.78	-3.69	1.04	-1.94-2087.37	457.54	0.00	0.00	0.00
99	227	326-15.4	-0.4-2083.18	-1.00	1.69	-1.92-2084.41	468.57	0.00	0.00	0.00
99	228	327-15.5	-0.3-2083.53	-1.78	1.04	-1.91-2086.18	474.88	0.00	0.00	0.00
99	229	328-15.6	-0.3-2083.83	-2.23	1.68	-1.89-2086.27	482.86	0.00	0.00	0.00
100	126	226	1.9-10.2-1655.26	-1.62	0.00	-6.17-1663.05	81.99	0.00	0.00	0.00
100	127	227	1.6-10.0-1665.35	-0.65	0.95	-6.07-1671.11	82.00	0.00	0.00	0.00
100	128	228	1.4-9.8-1675.28	-0.30	0.00	-5.97-1681.55	79.64	0.00	0.00	0.00
100	129	229	1.2-9.7-1685.04	1.13	0.95	-5.88-1688.84	80.42	0.00	0.00	0.00
100	130	230	1.0-9.5-1694.64	0.53	0.00	-5.78-1699.90	77.43	0.00	0.00	0.00
100	131	231	0.8-9.4-1704.09	0.37	0.95	-5.69-1708.47	76.93	0.00	0.00	0.00
100	132	232	0.5-9.2-1713.38	0.33	0.00	-5.60-1718.65	74.82	0.00	0.00	0.00
100	133	233	0.3-9.1-1722.52	0.11	0.94	-5.52-1726.98	74.56	0.00	0.00	0.00
100	134	234	0.1-8.9-1731.50	0.04	0.00	-5.43-1736.89	72.72	0.00	0.00	0.00
100	135	235	-0.1-8.8-1740.34	-0.12	0.94	-5.35-1744.87	72.81	0.00	0.00	0.00
100	136	236	-0.3-8.6-1749.02	-0.28	0.00	-5.27-1754.57	71.18	0.00	0.00	0.00
100	137	237	-0.5-8.5-1757.56	-0.56	0.93	-5.19-1762.38	71.44	0.00	0.00	0.00
100	138	238	-0.7-8.3-1765.96	-0.80	0.00	-5.11-1771.87	70.02	0.00	0.00	0.00
100	139	239	-0.9-8.2-1774.21	-1.17	0.93	-5.04-1779.50	70.47	0.00	0.00	0.00
100	140	240	-1.1-8.0-1782.33	-1.36	0.00	-4.97-1788.65	69.39	0.00	0.00	0.00
100	141	241	-1.3-7.9-1790.30	-1.72	0.92	-4.89-1795.99	70.12	0.00	0.00	0.00
100	142	242	-1.6-7.8-1798.13	-1.99	0.00	-4.82-1804.95	69.24	0.00	0.00	0.00
100	143	243	-1.8-7.6-1805.83	-2.36	0.92	-4.76-1812.03	70.22	0.00	0.00	0.00
100	144	244	-2.0-7.5-1813.40	-2.47	0.00	-4.69-1820.56	69.77	0.00	0.00	0.00
100	145	245	-2.2-7.4-1820.83	-3.07	0.91	-4.62-1827.61	70.79	0.00	0.00	0.00
100	146	246	-2.4-7.2-1828.13	-3.13	0.00	-4.56-1835.82	70.65	70.12	-3.66	-0.53
100	147	247	-2.6-7.1-1835.30	-3.52	0.91	-4.50-1842.41	72.13	0.00	0.00	0.00
100	148	248	-2.8-7.0-1842.35	-3.57	0.00	-4.44-1850.35	72.26	71.89	-3.94	-0.37
100	149	249	-2.9-6.9-1849.27	-3.97	0.91	-4.38-1856.71	73.98	0.00	0.00	0.00
100	150	250	-3.1-6.7-1856.06	-4.04	0.00	-4.32-1864.41	74.34	74.07	-4.31	-0.27
100	151	251	-3.3-6.6-1862.73	-4.57	0.90	-4.26-1870.66	76.17	75.98	-4.76	-0.19
100	152	252	-3.5-6.5-1869.28	-4.47	0.00	-4.20-1877.95	76.95	76.81	-4.61	-0.14
100	153	253	-3.7-6.4-1875.70	-4.24	0.90	-4.15-1883.20	79.77	79.34	-4.67	-0.43
100	154	254	-3.9-6.2-1882.01	-3.88	0.00	-4.09-1889.99	81.05	80.90	-4.03	-0.15
100	155	255	-4.1-6.1-1888.20	-3.71	0.89	-4.04-1895.06	84.05	83.79	-3.97	-0.26
100	156	256	-4.3-6.0-1894.28	-3.09	0.00	-3.99-1901.36	85.82	85.48	-3.43	-0.34
100	157	257	-4.5-5.9-1900.24	-3.13	0.89	-3.94-1906.42	88.84	88.58	-3.39	-0.26
100	158	258	-4.7-5.8-1906.09	-2.88	0.00	-3.89-1912.86	90.47	0.00	0.00	0.00
100	159	259	-4.8-5.7-1911.82	-3.08	0.89	-3.84-1917.86	93.54	0.00	0.00	0.00
100	160	260	-5.0-5.6-1917.44	-2.88	0.00	-3.79-1924.12	95.35	0.00	0.00	0.00
100	161	261	-5.2-5.5-1922.96	-3.12	0.88	-3.75-1928.94	98.60	0.00	0.00	0.00

100	162	262	-5.4	-5.3-1928.37	-3.05	0.00	-3.70-1935.12	100.49	0.00	0.00	0.00
100	163	263	-5.6	-5.2-1933.67	-3.08	0.88	-3.66-1939.52	104.16	0.00	0.00	0.00
100	164	264	-5.8	-5.1-1938.86	-2.60	0.00	-3.61-1945.07	106.68	0.00	0.00	0.00
100	165	265	-5.9	-5.0-1943.95	-2.31	0.88	-3.57-1948.95	110.87	0.00	0.00	0.00
100	166	266	-6.1	-4.9-1948.94	-1.83	0.00	-3.53-1954.29	113.60	0.00	0.00	0.00
100	167	267	-6.3	-4.8-1953.82	-1.30	0.87	-3.49-1957.74	118.23	0.00	0.00	0.00
100	168	268	-6.5	-4.7-1958.61	-1.16	0.00	-3.44-1963.21	120.83	0.00	0.00	0.00
100	169	269	-6.6	-4.6-1963.29	-1.30	0.87	-3.41-1967.13	124.98	0.00	0.00	0.00
100	170	270	-6.8	-4.5-1967.88	-0.72	0.00	-3.37-1971.96	128.22	0.00	0.00	0.00
100	171	271	-7.0	-4.4-1972.37	-0.88	0.86	-3.33-1975.71	132.54	0.00	0.00	0.00
100	172	272	-7.2	-4.3-1976.76	-0.68	0.00	-3.29-1980.73	135.60	0.00	0.00	0.00
100	173	273	-7.3	-4.2-1981.06	-1.11	0.86	-3.25-1984.56	139.84	0.00	0.00	0.00
100	174	274	-7.5	-4.2-1985.26	-1.05	0.00	-3.22-1989.53	142.94	0.00	0.00	0.00
100	175	275	-7.7	-4.1-1989.37	-1.43	0.86	-3.18-1993.13	147.41	0.00	0.00	0.00
100	176	276	-7.8	-4.0-1993.39	-1.17	0.00	-3.15-1997.71	150.90	0.00	0.00	0.00
100	177	277	-8.0	-3.9-1997.32	-1.68	0.85	-3.11-2001.26	155.42	0.00	0.00	0.00
100	178	278	-8.2	-3.8-2001.16	-1.53	0.00	-3.08-2005.77	158.98	0.00	0.00	0.00
100	179	279	-8.3	-3.7-2004.91	-1.63	0.85	-3.04-2008.74	164.09	0.00	0.00	0.00
100	180	280	-8.5	-3.6-2008.58	-1.45	0.00	-3.01-2013.04	167.86	0.00	0.00	0.00
100	181	281	-8.7	-3.5-2012.15	-1.69	0.85	-2.98-2015.98	172.99	0.00	0.00	0.00
100	182	282	-8.8	-3.4-2015.65	-1.29	0.00	-2.95-2019.89	177.16	0.00	0.00	0.00
100	183	283	-9.0	-3.4-2019.05	-1.43	0.85	-2.92-2022.56	182.56	0.00	0.00	0.00
100	184	284	-9.1	-3.3-2022.38	-0.93	0.00	-2.89-2026.19	186.99	0.00	0.00	0.00
100	185	285	-9.3	-3.2-2025.62	-0.52	0.84	-2.86-2028.15	193.10	0.00	0.00	0.00
100	186	286	-9.4	-3.1-2028.78	0.61	0.00	-2.83-2031.00	198.33	0.00	0.00	0.00
100	187	287	-9.6	-3.0-2031.86	0.28	0.84	-2.80-2033.54	203.86	0.00	0.00	0.00
100	188	288	-9.8	-3.0-2034.85	0.54	0.00	-2.77-2037.09	208.38	0.00	0.00	0.00
100	189	289	-9.9	-2.9-2037.77	0.23	0.84	-2.74-2039.45	214.09	0.00	0.00	0.00
100	190	290	-10.1	-2.8-2040.62	0.13	0.00	-2.72-2043.20	218.41	0.00	0.00	0.00
100	191	291	-10.2	-2.7-2043.38	-0.19	0.83	-2.69-2045.43	224.26	0.00	0.00	0.00
100	192	292	-10.4	-2.6-2046.07	-0.22	0.00	-2.66-2048.95	228.80	0.00	0.00	0.00
100	193	293	-10.5	-2.6-2048.68	-0.54	0.83	-2.64-2051.03	234.80	0.00	0.00	0.00
100	194	294	-10.7	-2.5-2051.22	-0.57	0.00	-2.61-2054.40	239.50	0.00	0.00	0.00
100	195	295	-10.8	-2.4-2053.69	-0.88	0.83	-2.59-2056.32	245.64	0.00	0.00	0.00
100	196	296	-11.0	-2.4-2056.08	-0.90	0.00	-2.56-2059.54	250.50	0.00	0.00	0.00
100	197	297	-11.1	-2.3-2058.40	-1.33	0.82	-2.54-2061.44	256.67	0.00	0.00	0.00
100	198	298	-11.2	-2.2-2060.65	-1.36	0.00	-2.51-2064.52	261.66	0.00	0.00	0.00
100	199	299	-11.4	-2.1-2062.83	-1.86	0.82	-2.49-2066.35	267.90	0.00	0.00	0.00
100	200	300	-11.5	-2.1-2064.94	-2.03	0.00	-2.47-2069.43	272.89	0.00	0.00	0.00
100	201	301	-11.7	-2.0-2066.98	-2.47	0.82	-2.44-2071.07	279.33	0.00	0.00	0.00
100	202	302	-11.8	-1.9-2068.95	-2.46	0.00	-2.42-2073.83	284.64	0.00	0.00	0.00
100	203	303	-12.0	-1.9-2070.86	-2.94	0.82	-2.40-2075.38	291.16	0.00	0.00	0.00
100	204	304	-12.1	-1.8-2072.70	-2.85	0.00	-2.38-2077.92	296.69	0.00	0.00	0.00
100	205	305	-12.2	-1.7-2074.47	-2.85	0.81	-2.36-2078.86	303.82	0.00	0.00	0.00
100	206	306	-12.4	-1.7-2076.18	-2.90	0.00	-2.33-2081.41	309.34	0.00	0.00	0.00
100	207	307	-12.5	-1.6-2077.82	-2.94	0.81	-2.31-2082.27	316.56	0.00	0.00	0.00
100	208	308	-12.6	-1.5-2079.41	-2.79	0.00	-2.29-2084.49	322.41	0.00	0.00	0.00
100	209	309	-12.8	-1.5-2080.93	-3.23	0.81	-2.27-2085.62	329.35	0.00	0.00	0.00
100	210	310	-12.9	-1.4-2082.38	-3.10	0.00	-2.25-2087.74	335.30	0.00	0.00	0.00
100	211	311	-13.0	-1.4-2083.78	-3.43	0.81	-2.23-2088.64	342.47	0.00	0.00	0.00
100	212	312	-13.2	-1.3-2085.11	-3.25	0.00	-2.21-2090.58	348.60	0.00	0.00	0.00
100	213	313	-13.3	-1.2-2086.39	-3.27	0.80	-2.20-2091.05	356.20	0.00	0.00	0.00
100	214	314	-13.4	-1.2-2087.61	-3.42	0.00	-2.18-2093.21	362.12	0.00	0.00	0.00
100	215	315	-13.6	-1.1-2088.77	-3.55	0.80	-2.16-2093.68	369.72	0.00	0.00	0.00
100	216	316	-13.7	-1.1-2089.87	-3.48	0.00	-2.14-2095.49	375.98	0.00	0.00	0.00
100	217	317	-13.8	-1.0-2090.91	-3.65	0.80	-2.12-2095.89	383.65	0.00	0.00	0.00
100	218	318	-13.9	-1.0-2091.90	-3.72	0.00	-2.10-2097.73	389.89	0.00	0.00	0.00
100	219	319	-14.1	-0.9-2092.84	-4.22	0.80	-2.09-2098.35	397.34	0.00	0.00	0.00
100	220	320	-14.2	-0.8-2093.71	-4.27	0.00	-2.07-2100.05	403.70	0.00	0.00	0.00
100	221	321	-14.3	-0.8-2094.54	-4.56	0.79	-2.05-2100.36	411.47	0.00	0.00	0.00
100	222	322	-14.4	-0.7-2095.31	-4.23	0.00	-2.04-2101.57	418.32	0.00	0.00	0.00
100	223	323	-14.5	-0.7-2096.02	-4.45	0.79	-2.02-2101.70	426.27	0.00	0.00	0.00
100	224	324	-14.7	-0.6-2096.69	-4.11	0.00	-2.00-2102.80	433.24	0.00	0.00	0.00
100	225	325	-14.8	-0.6-2097.30	-4.24	0.79	-1.99-2102.74	441.37	0.00	0.00	0.00
100	226	326	-14.9	-0.5-2097.87	-3.90	0.00	-1.97-2103.74	448.44	0.00	0.00	0.00
100	227	327	-15.0	-0.5-2098.38	-1.29	0.79	-1.96-2100.84	459.41	0.00	0.00	0.00

100	228	328-15.1	-0.4-2098.84	-2.07	0.00	-1.94-2102.86	465.47	0.00	0.00	0.00
100	229	329-15.2	-0.4-2099.26	-2.51	0.78	-1.93-2102.91	473.49	0.00	0.00	0.00
100	230	330-15.4	-0.3-2099.63	-2.50	0.00	-1.91-2104.04	480.43	0.00	0.00	0.00
100	231	331-15.5	-0.3-2099.94	-2.64	0.78	-1.90-2103.70	488.84	0.00	0.00	0.00
101	128	229	1.8-10.1-1673.66	-0.43	1.03	-6.09-1679.16	89.30	0.00	0.00	0.00
101	129	230	1.6	-9.9-1683.65	1.07	1.80	-6.00-1686.77	89.75	0.00	0.00
101	130	231	1.4	-9.7-1693.47	0.46	1.03	-5.90-1697.88	86.72	0.00	0.00
101	131	232	1.2	-9.6-1703.13	0.25	1.80	-5.81-1706.89	85.78	0.00	0.00
101	132	233	1.0	-9.4-1712.64	0.20	1.03	-5.72-1717.12	83.61	0.00	0.00
101	133	234	0.7	-9.3-1721.99	-0.02	1.80	-5.63-1725.84	82.97	0.00	0.00
101	134	235	0.5	-9.1-1731.18	-0.13	1.03	-5.54-1735.83	81.05	0.00	0.00
101	135	236	0.3	-9.0-1740.23	-0.26	1.79	-5.46-1744.16	80.79	0.00	0.00
101	136	237	0.1	-8.8-1749.13	-0.35	1.03	-5.38-1753.83	79.20	0.00	0.00
101	137	238	-0.1	-8.7-1757.88	-0.60	1.79	-5.30-1761.99	79.11	0.00	0.00
101	138	239	-0.3	-8.5-1766.48	-0.72	1.03	-5.22-1771.39	77.77	0.00	0.00
101	139	240	-0.5	-8.4-1774.94	-1.09	1.79	-5.14-1779.39	77.85	0.00	0.00
101	140	241	-0.7	-8.2-1783.26	-1.37	1.03	-5.07-1788.67	76.64	0.00	0.00
101	141	242	-0.9	-8.1-1791.44	-1.73	1.78	-4.99-1796.38	77.00	0.00	0.00
101	142	243	-1.1	-8.0-1799.48	-1.99	1.03	-4.92-1805.36	76.09	0.00	0.00
101	143	244	-1.3	-7.8-1807.38	-2.36	1.78	-4.85-1812.82	76.71	0.00	0.00
101	144	245	-1.5	-7.7-1815.15	-2.47	1.03	-4.78-1821.37	76.22	0.00	0.00
101	145	246	-1.7	-7.6-1822.78	-2.81	1.78	-4.72-1828.53	77.13	0.00	0.00
101	146	247	-1.9	-7.4-1830.28	-3.16	1.03	-4.65-1837.06	76.67	0.00	0.00
101	147	248	-2.1	-7.3-1837.65	-3.59	1.77	-4.59-1844.06	77.75	0.00	0.00
101	148	249	-2.3	-7.2-1844.90	-3.68	1.03	-4.53-1852.07	77.81	0.00	0.00
101	149	250	-2.5	-7.0-1852.01	-4.10	1.77	-4.46-1858.81	79.15	0.00	0.00
101	150	251	-2.7	-6.9-1859.00	-4.23	1.03	-4.40-1866.60	79.42	0.00	0.00
101	151	252	-2.9	-6.8-1865.86	-4.76	1.77	-4.35-1873.20	80.89	0.00	0.00
101	152	253	-3.1	-6.7-1872.60	-4.71	1.03	-4.29-1880.57	81.60	0.00	0.00
101	153	254	-3.3	-6.6-1879.22	-4.53	1.76	-4.23-1886.22	84.02	0.00	0.00
101	154	255	-3.5	-6.4-1885.72	-4.20	1.03	-4.18-1893.07	85.24	84.83	-4.61 -0.41
101	155	256	-3.7	-6.3-1892.10	-4.13	1.76	-4.12-1898.60	87.78	87.55	-4.36 -0.23
101	156	257	-3.9	-6.2-1898.36	-3.51	1.03	-4.07-1904.91	89.54	88.98	-4.07 -0.56
101	157	258	-4.1	-6.1-1904.51	-3.64	1.76	-4.02-1910.41	92.11	91.68	-4.07 -0.43
101	158	259	-4.2	-6.0-1910.55	-3.43	1.03	-3.97-1916.91	93.68	0.00	0.00
101	159	260	-4.4	-5.9-1916.47	-3.65	1.75	-3.92-1922.28	96.39	0.00	0.00
101	160	261	-4.6	-5.7-1922.27	-3.46	1.03	-3.87-1928.57	98.16	0.00	0.00
101	161	262	-4.8	-5.6-1927.97	-3.72	1.75	-3.82-1933.76	101.05	0.00	0.00
101	162	263	-5.0	-5.5-1933.56	-3.66	1.03	-3.78-1939.97	102.91	0.00	0.00
101	163	264	-5.2	-5.4-1939.04	-3.70	1.75	-3.73-1944.72	106.23	0.00	0.00
101	164	265	-5.3	-5.3-1944.42	-3.20	1.03	-3.68-1950.27	108.75	0.00	0.00
101	165	266	-5.5	-5.2-1949.68	-2.89	1.75	-3.64-1954.47	112.63	0.00	0.00
101	166	267	-5.7	-5.1-1954.85	-2.42	1.03	-3.60-1959.84	115.33	0.00	0.00
101	167	268	-5.9	-5.0-1959.91	-2.12	1.74	-3.55-1963.84	119.40	0.00	0.00
101	168	269	-6.1	-4.9-1964.87	-1.55	1.03	-3.51-1968.90	122.41	0.00	0.00
101	169	270	-6.2	-4.8-1969.73	-1.66	1.74	-3.47-1973.12	126.26	0.00	0.00
101	170	271	-6.4	-4.7-1974.49	-1.40	1.03	-3.43-1978.29	129.16	0.00	0.00
101	171	272	-6.6	-4.6-1979.15	-1.17	1.74	-3.39-1981.98	133.55	0.00	0.00
101	172	273	-6.7	-4.5-1983.72	-1.15	1.03	-3.35-1987.19	136.40	0.00	0.00
101	173	274	-6.9	-4.4-1988.18	-1.38	1.74	-3.32-1991.14	140.52	0.00	0.00
101	174	275	-7.1	-4.3-1992.56	-1.32	1.03	-3.28-1996.13	143.61	0.00	0.00
101	175	276	-7.3	-4.2-1996.84	-1.68	1.73	-3.24-2000.03	147.78	0.00	0.00
101	176	277	-7.4	-4.1-2001.02	-1.42	1.03	-3.21-2004.62	151.26	0.00	0.00
101	177	278	-7.6	-4.0-2005.12	-1.81	1.73	-3.17-2008.37	155.58	0.00	0.00
101	178	279	-7.8	-4.0-2009.12	-1.67	1.03	-3.14-2012.90	159.12	0.00	0.00
101	179	280	-7.9	-3.9-2013.04	-1.72	1.73	-3.10-2016.14	163.96	0.00	0.00
101	180	281	-8.1	-3.8-2016.87	-1.53	1.03	-3.07-2020.44	167.73	0.00	0.00
101	181	282	-8.2	-3.7-2020.61	-1.74	1.73	-3.04-2023.66	172.58	0.00	0.00
101	182	283	-8.4	-3.6-2024.26	-1.33	1.03	-3.01-2027.56	176.75	0.00	0.00
101	183	284	-8.6	-3.5-2027.82	-1.46	1.72	-2.97-2030.54	181.84	0.00	0.00
101	184	285	-8.7	-3.4-2031.31	-0.99	1.03	-2.94-2034.21	186.24	0.00	0.00
101	185	286	-8.9	-3.4-2034.71	0.06	1.72	-2.91-2035.84	192.68	0.00	0.00
101	186	287	-9.0	-3.3-2038.02	-0.12	1.03	-2.88-2039.99	196.60	0.00	0.00
101	187	288	-9.2	-3.2-2041.26	0.10	1.72	-2.85-2042.29	202.38	0.00	0.00
101	188	289	-9.4	-3.1-2044.41	0.36	1.03	-2.82-2045.84	206.89	0.00	0.00
101	189	290	-9.5	-3.0-2047.48	0.06	1.72	-2.80-2048.50	212.31	0.00	0.00

101	190	291	-9.7	-3.0-2050.48	-0.06	1.03	-2.77-2052.28	216.60	0.00	0.00	0.00
101	191	292	-9.8	-2.9-2053.39	-0.38	1.71	-2.74-2054.80	222.15	0.00	0.00	0.00
101	192	293	-10.0	-2.8-2056.23	-0.42	1.03	-2.71-2058.34	226.69	0.00	0.00	0.00
101	193	294	-10.1	-2.7-2059.00	-0.73	1.71	-2.69-2060.70	232.39	0.00	0.00	0.00
101	194	295	-10.3	-2.6-2061.69	-0.76	1.03	-2.66-2064.08	237.09	0.00	0.00	0.00
101	195	296	-10.4	-2.6-2064.30	-1.08	1.71	-2.63-2066.30	242.93	0.00	0.00	0.00
101	196	297	-10.6	-2.5-2066.84	-1.10	1.03	-2.61-2069.52	247.79	0.00	0.00	0.00
101	197	298	-10.7	-2.4-2069.30	-1.52	1.71	-2.58-2071.70	253.68	0.00	0.00	0.00
101	198	299	-10.8	-2.4-2071.70	-1.62	1.03	-2.56-2074.85	258.60	0.00	0.00	0.00
101	199	300	-11.0	-2.3-2074.02	-2.11	1.71	-2.54-2076.96	264.56	0.00	0.00	0.00
101	200	301	-11.1	-2.2-2076.27	-2.27	1.03	-2.51-2080.03	269.57	0.00	0.00	0.00
101	201	302	-11.3	-2.1-2078.46	-2.74	1.70	-2.49-2081.98	275.68	0.00	0.00	0.00
101	202	303	-11.4	-2.1-2080.57	-2.77	1.03	-2.47-2084.78	280.96	0.00	0.00	0.00
101	203	304	-11.6	-2.0-2082.62	-3.14	1.70	-2.44-2086.50	287.31	0.00	0.00	0.00
101	204	305	-11.7	-1.9-2084.60	-3.03	1.03	-2.42-2089.02	292.86	0.00	0.00	0.00
101	205	306	-11.8	-1.9-2086.51	-3.04	1.70	-2.40-2090.25	299.70	0.00	0.00	0.00
101	206	307	-12.0	-1.8-2088.36	-2.99	1.03	-2.38-2092.69	305.33	0.00	0.00	0.00
101	207	308	-12.1	-1.7-2090.14	-3.21	1.70	-2.36-2094.00	312.09	0.00	0.00	0.00
101	208	309	-12.2	-1.7-2091.85	-3.03	1.03	-2.34-2096.19	317.98	0.00	0.00	0.00
101	209	310	-12.4	-1.6-2093.51	-3.26	1.70	-2.31-2097.39	324.85	0.00	0.00	0.00
101	210	311	-12.5	-1.6-2095.10	-3.15	1.03	-2.29-2099.51	330.80	0.00	0.00	0.00
101	211	312	-12.7	-1.5-2096.63	-3.50	1.69	-2.27-2100.71	337.67	0.00	0.00	0.00
101	212	313	-12.8	-1.4-2098.09	-3.18	1.03	-2.25-2102.50	343.95	0.00	0.00	0.00
101	213	314	-12.9	-1.4-2099.50	-3.57	1.69	-2.24-2103.61	350.91	0.00	0.00	0.00
101	214	315	-13.0	-1.3-2100.85	-3.58	1.03	-2.22-2105.61	356.98	0.00	0.00	0.00
101	215	316	-13.2	-1.3-2102.14	-3.83	1.69	-2.20-2106.47	364.19	0.00	0.00	0.00
101	216	317	-13.3	-1.2-2103.37	-3.76	1.03	-2.18-2108.27	370.46	0.00	0.00	0.00
101	217	318	-13.4	-1.1-2104.54	-4.27	1.69	-2.16-2109.28	377.53	0.00	0.00	0.00
101	218	319	-13.6	-1.1-2105.65	-4.03	1.03	-2.14-2110.79	384.09	0.00	0.00	0.00
101	219	320	-13.7	-1.0-2106.71	-4.57	1.69	-2.13-2111.72	391.23	0.00	0.00	0.00
101	220	321	-13.8	-1.0-2107.71	-4.57	1.03	-2.11-2113.36	397.67	0.00	0.00	0.00
101	221	322	-13.9	-0.9-2108.66	-4.91	1.68	-2.09-2113.97	405.12	0.00	0.00	0.00
101	222	323	-14.0	-0.9-2109.55	-4.66	1.03	-2.07-2115.25	411.92	0.00	0.00	0.00
101	223	324	-14.2	-0.8-2110.39	-4.85	1.68	-2.06-2115.61	419.63	0.00	0.00	0.00
101	224	325	-14.3	-0.8-2111.17	-4.54	1.03	-2.04-2116.72	426.59	0.00	0.00	0.00
101	225	326	-14.4	-0.7-2111.90	-4.64	1.68	-2.02-2116.89	434.49	0.00	0.00	0.00
101	226	327	-14.5	-0.7-2112.58	-4.29	1.03	-2.01-2117.85	441.60	0.00	0.00	0.00
101	227	328	-14.6	-0.6-2113.21	-1.54	1.68	-1.99-2115.07	452.46	0.00	0.00	0.00
101	228	329	-14.8	-0.5-2113.79	-2.31	1.03	-1.98-2117.05	458.55	0.00	0.00	0.00
101	229	330	-14.9	-0.5-2114.32	-2.75	1.68	-1.96-2117.36	466.31	0.00	0.00	0.00
101	230	331	-15.0	-0.5-2114.80	-2.71	1.03	-1.95-2118.42	473.31	0.00	0.00	0.00
101	231	332	-15.1	-0.4-2115.23	-2.86	1.68	-1.93-2118.35	481.46	0.00	0.00	0.00
101	232	333	-15.2	-0.4-2115.61	-2.82	1.03	-1.92-2119.32	488.56	0.00	0.00	0.00
101	233	334	-15.3	-0.3-2115.95	-3.15	1.67	-1.90-2119.33	496.62	0.00	0.00	0.00
102	130	232	1.8	-10.0-1691.88	1.00	0.00	-6.02-1696.90	94.96	0.00	0.00	0.00
102	131	233	1.6	-9.8-1701.76	0.35	0.95	-5.93-1706.39	93.54	0.00	0.00	0.00
102	132	234	1.4	-9.6-1711.48	0.30	0.00	-5.84-1717.02	90.99	0.00	0.00	0.00
102	133	235	1.2	-9.5-1721.05	0.08	0.94	-5.75-1725.77	90.30	0.00	0.00	0.00
102	134	236	0.9	-9.3-1730.45	-0.01	0.00	-5.66-1736.12	88.02	0.00	0.00	0.00
102	135	237	0.7	-9.2-1739.71	-0.22	0.94	-5.57-1744.57	87.65	0.00	0.00	0.00
102	136	238	0.5	-9.0-1748.82	-0.27	0.00	-5.49-1754.58	85.71	0.00	0.00	0.00
102	137	239	0.3	-8.9-1757.78	-0.39	0.93	-5.41-1762.65	85.72	0.00	0.00	0.00
102	138	240	0.1	-8.7-1766.59	-0.57	0.00	-5.33-1772.49	83.94	0.00	0.00	0.00
102	139	241	-0.1	-8.6-1775.26	-0.88	0.93	-5.25-1780.46	84.04	0.00	0.00	0.00
102	140	242	-0.3	-8.4-1783.79	-1.08	0.00	-5.17-1790.04	82.54	0.00	0.00	0.00
102	141	243	-0.5	-8.3-1792.17	-1.42	0.92	-5.10-1797.76	82.88	0.00	0.00	0.00
102	142	244	-0.7	-8.2-1800.41	-1.69	0.00	-5.02-1807.13	81.59	0.00	0.00	0.00
102	143	245	-0.9	-8.0-1808.52	-2.06	0.92	-4.95-1814.61	82.18	0.00	0.00	0.00
102	144	246	-1.1	-7.9-1816.49	-2.18	0.00	-4.88-1823.55	81.31	0.00	0.00	0.00
102	145	247	-1.3	-7.8-1824.32	-2.55	0.91	-4.81-1830.77	82.16	0.00	0.00	0.00
102	146	248	-1.5	-7.6-1832.02	-2.90	0.00	-4.75-1839.67	81.34	0.00	0.00	0.00
102	147	249	-1.7	-7.5-1839.59	-3.31	0.91	-4.68-1846.67	82.41	0.00	0.00	0.00
102	148	250	-1.9	-7.4-1847.03	-3.44	0.00	-4.62-1855.09	82.06	0.00	0.00	0.00
102	149	251	-2.1	-7.2-1854.34	-3.87	0.91	-4.55-1861.86	83.36	0.00	0.00	0.00
102	150	252	-2.3	-7.1-1861.52	-4.08	0.00	-4.49-1870.10	83.19	82.86	-4.41	-0.33
102	151	253	-2.5	-7.0-1868.58	-4.49	0.90	-4.43-1876.60	84.76	0.00	0.00	0.00

102	152	254	-2.7	-6.9	-1875.51	-4.65	0.00	-4.37	-1884.54	84.89	84.72	-4.82	-0.17
102	153	255	-2.9	-6.7	-1882.33	-4.44	0.90	-4.32	-1890.18	87.32	86.85	-4.91	-0.47
102	154	256	-3.1	-6.6	-1889.02	-4.19	0.00	-4.26	-1897.47	88.11	87.82	-4.48	-0.29
102	155	257	-3.3	-6.5	-1895.59	-4.11	0.89	-4.21	-1903.01	90.64	90.22	-4.53	-0.42
102	156	258	-3.5	-6.4	-1902.04	-3.57	0.00	-4.15	-1909.76	91.96	0.00	0.00	0.00
102	157	259	-3.6	-6.3	-1908.37	-3.74	0.89	-4.10	-1915.32	94.47	94.02	-4.19	-0.45
102	158	260	-3.8	-6.2	-1914.59	-3.57	0.00	-4.05	-1922.21	95.65	0.00	0.00	0.00
102	159	261	-4.0	-6.0	-1920.70	-3.73	0.89	-4.00	-1927.54	98.40	0.00	0.00	0.00
102	160	262	-4.2	-5.9	-1926.69	-3.73	0.00	-3.95	-1934.37	99.64	0.00	0.00	0.00
102	161	263	-4.4	-5.8	-1932.57	-4.03	0.88	-3.90	-1939.62	102.46	0.00	0.00	0.00
102	162	264	-4.6	-5.7	-1938.34	-4.01	0.00	-3.85	-1946.20	103.95	0.00	0.00	0.00
102	163	265	-4.8	-5.6	-1944.00	-4.06	0.88	-3.80	-1950.99	107.23	0.00	0.00	0.00
102	164	266	-4.9	-5.5	-1949.56	-3.58	0.00	-3.76	-1956.89	109.40	0.00	0.00	0.00
102	165	267	-5.1	-5.4	-1955.01	-3.24	0.88	-3.71	-1961.08	113.28	0.00	0.00	0.00
102	166	268	-5.3	-5.3	-1960.35	-2.80	0.00	-3.67	-1966.82	115.62	0.00	0.00	0.00
102	167	269	-5.5	-5.2	-1965.59	-2.55	0.87	-3.62	-1970.89	119.62	0.00	0.00	0.00
102	168	270	-5.6	-5.1	-1970.72	-1.94	0.00	-3.58	-1976.24	122.33	0.00	0.00	0.00
102	169	271	-5.8	-5.0	-1975.76	-2.06	0.87	-3.54	-1980.49	126.16	0.00	0.00	0.00
102	170	272	-6.0	-4.9	-1980.69	-1.77	0.00	-3.50	-1985.96	128.76	0.00	0.00	0.00
102	171	273	-6.2	-4.8	-1985.52	-1.59	0.86	-3.46	-1989.71	133.08	0.00	0.00	0.00
102	172	274	-6.3	-4.7	-1990.26	-1.53	0.00	-3.42	-1995.21	135.65	0.00	0.00	0.00
102	173	275	-6.5	-4.6	-1994.90	-1.78	0.86	-3.38	-1999.20	139.74	0.00	0.00	0.00
102	174	276	-6.7	-4.5	-1999.44	-1.72	0.00	-3.34	-2004.51	142.50	0.00	0.00	0.00
102	175	277	-6.8	-4.4	-2003.89	-2.08	0.86	-3.31	-2008.42	146.66	0.00	0.00	0.00
102	176	278	-7.0	-4.3	-2008.24	-1.81	0.00	-3.27	-2013.32	149.82	0.00	0.00	0.00
102	177	279	-7.2	-4.2	-2012.51	-2.05	0.85	-3.23	-2016.94	154.28	0.00	0.00	0.00
102	178	280	-7.3	-4.1	-2016.68	-1.91	0.00	-3.20	-2021.78	157.51	0.00	0.00	0.00
102	179	281	-7.5	-4.0	-2020.76	-2.06	0.85	-3.16	-2025.13	162.23	0.00	0.00	0.00
102	180	282	-7.7	-3.9	-2024.75	-1.86	0.00	-3.13	-2029.74	165.70	0.00	0.00	0.00
102	181	283	-7.8	-3.9	-2028.65	-2.01	0.85	-3.10	-2032.90	170.60	0.00	0.00	0.00
102	182	284	-8.0	-3.8	-2032.46	-1.65	0.00	-3.06	-2037.17	174.40	0.00	0.00	0.00
102	183	285	-8.2	-3.7	-2036.19	-1.72	0.85	-3.03	-2040.10	179.55	0.00	0.00	0.00
102	184	286	-8.3	-3.6	-2039.83	-1.17	0.00	-3.00	-2044.00	183.72	0.00	0.00	0.00
102	185	287	-8.5	-3.5	-2043.39	-0.87	0.84	-2.97	-2046.38	189.41	0.00	0.00	0.00
102	186	288	-8.6	-3.4	-2046.86	-0.29	0.00	-2.94	-2050.09	193.77	0.00	0.00	0.00
102	187	289	-8.8	-3.3	-2050.25	-0.05	0.84	-2.91	-2052.37	199.56	0.00	0.00	0.00
102	188	290	-8.9	-3.3	-2053.56	2.18	0.00	-2.88	-2054.26	205.75	0.00	0.00	0.00
102	189	291	-9.1	-3.2	-2056.79	0.23	0.84	-2.85	-2058.57	209.50	0.00	0.00	0.00
102	190	292	-9.3	-3.1	-2059.94	0.12	0.00	-2.82	-2062.64	213.51	0.00	0.00	0.00
102	191	293	-9.4	-3.0	-2063.01	-0.20	0.83	-2.79	-2065.17	219.05	0.00	0.00	0.00
102	192	294	-9.6	-2.9	-2066.00	-0.26	0.00	-2.76	-2069.02	223.27	0.00	0.00	0.00
102	193	295	-9.7	-2.9	-2068.91	-0.58	0.83	-2.74	-2071.40	228.96	0.00	0.00	0.00
102	194	296	-9.9	-2.8	-2071.75	-0.59	0.00	-2.71	-2075.05	233.38	0.00	0.00	0.00
102	195	297	-10.0	-2.7	-2074.51	-0.91	0.83	-2.68	-2077.28	239.23	0.00	0.00	0.00
102	196	298	-10.2	-2.6	-2077.20	-0.95	0.00	-2.66	-2080.81	243.77	0.00	0.00	0.00
102	197	299	-10.3	-2.6	-2079.81	-1.38	0.82	-2.63	-2083.00	249.65	0.00	0.00	0.00
102	198	300	-10.4	-2.5	-2082.35	-1.49	0.00	-2.61	-2086.45	254.27	0.00	0.00	0.00
102	199	301	-10.6	-2.4	-2084.82	-2.00	0.82	-2.58	-2088.58	260.21	0.00	0.00	0.00
102	200	302	-10.7	-2.4	-2087.21	-2.15	0.00	-2.56	-2091.92	264.94	0.00	0.00	0.00
102	201	303	-10.9	-2.3	-2089.54	-2.64	0.82	-2.54	-2093.90	271.04	0.00	0.00	0.00
102	202	304	-11.0	-2.2	-2091.80	-2.64	0.00	-2.51	-2096.95	276.06	0.00	0.00	0.00
102	203	305	-11.2	-2.1	-2093.98	-2.97	0.82	-2.49	-2098.63	282.45	0.00	0.00	0.00
102	204	306	-11.3	-2.1	-2096.10	-2.86	0.00	-2.47	-2101.43	287.72	0.00	0.00	0.00
102	205	307	-11.4	-2.0	-2098.15	-2.89	0.81	-2.44	-2102.67	294.55	0.00	0.00	0.00
102	206	308	-11.6	-1.9	-2100.14	-2.56	0.00	-2.42	-2105.12	300.17	0.00	0.00	0.00
102	207	309	-11.7	-1.9	-2102.06	-2.76	0.81	-2.40	-2106.40	306.96	0.00	0.00	0.00
102	208	310	-11.9	-1.8	-2103.91	-2.56	0.00	-2.38	-2108.85	312.58	0.00	0.00	0.00
102	209	311	-12.0	-1.8	-2105.70	-2.77	0.81	-2.36	-2110.02	319.49	0.00	0.00	0.00
102	210	312	-12.1	-1.7	-2107.42	-2.64	0.00	-2.34	-2112.40	325.18	0.00	0.00	0.00
102	211	313	-12.3	-1.6	-2109.09	-2.95	0.81	-2.32	-2113.55	332.10	0.00	0.00	0.00
102	212	314	-12.4	-1.6	-2110.69	-2.91	0.00	-2.30	-2115.89	337.83	0.00	0.00	0.00
102	213	315	-12.5	-1.5	-2112.22	-3.31	0.80	-2.28	-2117.01	344.78	0.00	0.00	0.00
102	214	316	-12.7	-1.4	-2113.70	-3.36	0.00	-2.26	-2119.32	350.54	0.00	0.00	0.00
102	215	317	-12.8	-1.4	-2115.12	-3.65	0.80	-2.24	-2120.20	357.73	0.00	0.00	0.00
102	216	318	-12.9	-1.3	-2116.48	-3.64	0.00	-2.22	-2122.33	363.67	0.00	0.00	0.00
102	217	319	-13.0	-1.3	-2117.78	-4.14	0.80	-2.20	-2123.32	370.76	0.00	0.00	0.00

102	218	320-13.2	-1.2-2119.02	-4.24	0.00	-2.18-2125.44	376.71	0.00	0.00	0.00	
102	219	321-13.3	-1.2-2120.20	-4.52	0.80	-2.16-2126.09	384.13	0.00	0.00	0.00	
102	220	322-13.4	-1.1-2121.32	-4.82	0.00	-2.15-2128.29	390.00	0.00	0.00	0.00	
102	221	323-13.5	-1.0-2122.40	-4.95	0.79	-2.13-2128.68	397.68	0.00	0.00	0.00	
102	222	324-13.7	-1.0-2123.41	-4.86	0.00	-2.11-2130.38	404.05	0.00	0.00	0.00	
102	223	325-13.8	-0.9-2124.37	-5.03	0.79	-2.09-2130.70	411.80	0.00	0.00	0.00	
102	224	326-13.9	-0.9-2125.28	-4.70	0.00	-2.08-2132.05	418.52	0.00	0.00	0.00	
102	225	327-14.0	-0.8-2126.13	-4.88	0.79	-2.06-2132.28	426.37	0.00	0.00	0.00	
102	226	328-14.2	-0.8-2126.93	-4.55	0.00	-2.04-2133.52	433.20	0.00	0.00	0.00	
102	227	329-14.3	-0.7-2127.68	-1.96	0.79	-2.03-2130.88	443.91	0.00	0.00	0.00	
102	228	330-14.4	-0.7-2128.37	-2.69	0.00	-2.01-2133.07	449.79	0.00	0.00	0.00	
102	229	331-14.5	-0.6-2129.01	-3.09	0.78	-2.00-2133.32	457.62	0.00	0.00	0.00	
102	230	332-14.6	-0.6-2129.61	-3.09	0.00	-1.98-2134.68	464.33	0.00	0.00	0.00	
102	231	333-14.7	-0.5-2130.16	-3.20	0.78	-1.97-2134.54	472.54	0.00	0.00	0.00	
102	232	334-14.9	-0.5-2130.65	-3.10	0.00	-1.95-2135.70	479.45	0.00	0.00	0.00	
102	233	335-15.0	-0.4-2131.10	-3.46	0.78	-1.94-2135.71	487.51	0.00	0.00	0.00	
102	234	336-15.1	-0.4-2131.50	-3.33	0.00	-1.92-2136.75	494.54	0.00	0.00	0.00	
102	235	337-15.2	-0.3-2131.85	-3.77	0.78	-1.91-2136.75	502.61	0.00	0.00	0.00	
102	236	338-15.3	-0.3-2132.16	-3.62	0.00	-1.89-2137.67	509.76	0.00	0.00	0.00	
103	132	235	1.8	-9.9-1709.92	0.14	1.02	-5.96-1714.71	100.56	0.00	0.00	0.00
103	133	236	1.6	-9.7-1719.70	-0.07	1.79	-5.86-1723.84	99.51	0.00	0.00	0.00
103	134	237	1.3	-9.5-1729.32	-0.17	1.02	-5.77-1734.24	97.18	0.00	0.00	0.00
103	135	238	1.1	-9.4-1738.79	-0.37	1.79	-5.69-1743.06	96.43	0.00	0.00	0.00
103	136	239	0.9	-9.2-1748.11	-0.47	1.02	-5.60-1753.15	94.41	0.00	0.00	0.00
103	137	240	0.7	-9.1-1757.28	-0.67	1.78	-5.52-1761.68	93.95	0.00	0.00	0.00
103	138	241	0.5	-8.9-1766.30	-0.73	1.02	-5.43-1771.44	92.27	0.00	0.00	0.00
103	139	242	0.3	-8.8-1775.17	-0.95	1.78	-5.35-1779.69	92.08	0.00	0.00	0.00
103	140	243	0.1	-8.7-1783.90	-1.13	1.02	-5.28-1789.28	90.56	0.00	0.00	0.00
103	141	244	-0.1	-8.5-1792.49	-1.49	1.78	-5.20-1797.40	90.51	0.00	0.00	0.00
103	142	245	-0.3	-8.4-1800.94	-1.72	1.02	-5.12-1806.76	89.23	0.00	0.00	0.00
103	143	246	-0.5	-8.2-1809.24	-2.09	1.77	-5.05-1814.61	89.45	0.00	0.00	0.00
103	144	247	-0.7	-8.1-1817.41	-2.25	1.02	-4.98-1823.62	88.51	0.00	0.00	0.00
103	145	248	-0.9	-8.0-1825.45	-2.61	1.77	-4.91-1831.20	89.00	0.00	0.00	0.00
103	146	249	-1.1	-7.8-1833.35	-2.97	1.02	-4.84-1840.14	88.14	0.00	0.00	0.00
103	147	250	-1.3	-7.7-1841.11	-3.42	1.77	-4.77-1847.54	88.80	0.00	0.00	0.00
103	148	251	-1.5	-7.6-1848.75	-3.61	1.02	-4.71-1856.05	88.37	0.00	0.00	0.00
103	149	252	-1.7	-7.4-1856.26	-4.04	1.76	-4.65-1863.18	89.31	0.00	0.00	0.00
103	150	253	-1.9	-7.3-1863.64	-4.32	1.02	-4.58-1871.51	89.04	0.00	0.00	0.00
103	151	254	-2.1	-7.2-1870.89	-4.76	1.76	-4.52-1878.41	90.22	0.00	0.00	0.00
103	152	255	-2.3	-7.1-1878.01	-4.94	1.02	-4.46-1886.39	90.31	0.00	0.00	0.00
103	153	256	-2.5	-6.9-1885.02	-4.76	1.76	-4.40-1892.42	92.35	0.00	0.00	0.00
103	154	257	-2.7	-6.8-1891.90	-4.57	1.02	-4.35-1899.79	93.06	0.00	0.00	0.00
103	155	258	-2.9	-6.7-1898.66	-4.53	1.75	-4.29-1905.72	95.19	0.00	0.00	0.00
103	156	259	-3.1	-6.6-1905.30	-4.08	1.02	-4.23-1912.59	96.40	95.84	-4.64	-0.56
103	157	260	-3.2	-6.5-1911.82	-4.24	1.75	-4.18-1918.49	98.57	98.13	-4.68	-0.44
103	158	261	-3.4	-6.3-1918.23	-4.13	1.02	-4.13-1925.46	99.67	0.00	0.00	0.00
103	159	262	-3.6	-6.2-1924.52	-4.31	1.75	-4.08-1931.15	102.05	0.00	0.00	0.00
103	160	263	-3.8	-6.1-1930.69	-4.36	1.02	-4.02-1938.05	103.22	0.00	0.00	0.00
103	161	264	-4.0	-6.0-1936.76	-4.64	1.75	-3.97-1943.63	105.72	0.00	0.00	0.00
103	162	265	-4.2	-5.9-1942.71	-4.66	1.02	-3.93-1950.27	107.14	0.00	0.00	0.00
103	163	266	-4.3	-5.8-1948.56	-4.76	1.74	-3.88-1955.45	110.04	0.00	0.00	0.00
103	164	267	-4.5	-5.7-1954.29	-4.27	1.02	-3.83-1961.36	112.19	0.00	0.00	0.00
103	165	268	-4.7	-5.6-1959.92	-3.93	1.74	-3.78-1965.89	115.74	0.00	0.00	0.00
103	166	269	-4.9	-5.5-1965.44	-3.42	1.02	-3.74-1971.57	118.13	0.00	0.00	0.00
103	167	270	-5.1	-5.4-1970.85	-3.08	1.74	-3.70-1975.89	121.88	0.00	0.00	0.00
103	168	271	-5.2	-5.3-1976.16	-2.45	1.02	-3.65-1981.24	124.60	0.00	0.00	0.00
103	169	272	-5.4	-5.2-1981.37	-2.58	1.73	-3.61-1985.83	128.09	0.00	0.00	0.00
103	170	273	-5.6	-5.1-1986.48	-2.35	1.02	-3.57-1991.37	130.61	0.00	0.00	0.00
103	171	274	-5.8	-5.0-1991.49	-2.23	1.73	-3.53-1995.51	134.55	0.00	0.00	0.00
103	172	275	-5.9	-4.9-1996.40	-2.12	1.02	-3.49-2000.98	137.15	0.00	0.00	0.00
103	173	276	-6.1	-4.8-2001.20	-2.17	1.73	-3.45-2005.09	141.11	0.00	0.00	0.00
103	174	277	-6.3	-4.7-2005.92	-2.10	1.02	-3.41-2010.40	143.87	0.00	0.00	0.00
103	175	278	-6.4	-4.6-2010.53	-2.45	1.73	-3.37-2014.63	147.72	0.00	0.00	0.00
103	176	279	-6.6	-4.5-2015.06	-2.17	1.02	-3.33-2019.53	150.88	0.00	0.00	0.00
103	177	280	-6.8	-4.4-2019.49	-2.30	1.72	-3.30-2023.36	155.13	0.00	0.00	0.00
103	178	281	-6.9	-4.3-2023.82	-2.16	1.02	-3.26-2028.22	158.34	0.00	0.00	0.00

103	179	282	-7.1	-4.2-2028.07	-2.28	1.72	-3.22-2031.85	162.78	0.00	0.00	0.00
103	180	283	-7.3	-4.1-2032.22	-2.08	1.02	-3.19-2036.47	166.24	0.00	0.00	0.00
103	181	284	-7.4	-4.0-2036.28	-2.21	1.72	-3.16-2039.93	170.84	0.00	0.00	0.00
103	182	285	-7.6	-3.9-2040.26	-1.83	1.02	-3.12-2044.19	174.66	0.00	0.00	0.00
103	183	286	-7.8	-3.8-2044.15	-1.87	1.72	-3.09-2047.39	179.53	0.00	0.00	0.00
103	184	287	-7.9	-3.8-2047.95	-1.42	1.02	-3.06-2051.40	183.59	0.00	0.00	0.00
103	185	288	-8.1	-3.7-2051.67	-1.13	1.72	-3.02-2054.10	188.95	0.00	0.00	0.00
103	186	289	-8.2	-3.6-2055.30	-0.58	1.02	-2.99-2057.85	193.28	0.00	0.00	0.00
103	187	290	-8.4	-3.5-2058.85	1.29	1.71	-2.96-2058.80	200.40	0.00	0.00	0.00
103	188	291	-8.5	-3.4-2062.31	2.05	1.02	-2.93-2062.17	205.10	0.00	0.00	0.00
103	189	292	-8.7	-3.3-2065.69	0.11	1.71	-2.90-2066.77	208.57	0.00	0.00	0.00
103	190	293	-8.9	-3.3-2069.00	-0.03	1.02	-2.87-2070.87	212.54	0.00	0.00	0.00
103	191	294	-9.0	-3.2-2072.22	-0.36	1.71	-2.84-2073.71	217.77	0.00	0.00	0.00
103	192	295	-9.2	-3.1-2075.36	-0.40	1.02	-2.82-2077.55	222.01	0.00	0.00	0.00
103	193	296	-9.3	-3.0-2078.42	-0.70	1.71	-2.79-2080.21	227.42	0.00	0.00	0.00
103	194	297	-9.5	-2.9-2081.41	-0.71	1.02	-2.76-2083.86	231.84	0.00	0.00	0.00
103	195	298	-9.6	-2.9-2084.32	-1.08	1.70	-2.73-2086.43	237.34	0.00	0.00	0.00
103	196	299	-9.8	-2.8-2087.16	-1.14	1.02	-2.71-2089.98	241.86	0.00	0.00	0.00
103	197	300	-9.9	-2.7-2089.92	-1.50	1.70	-2.68-2092.40	247.52	0.00	0.00	0.00
103	198	301	-10.1	-2.6-2092.60	-1.73	1.02	-2.66-2095.97	252.02	0.00	0.00	0.00
103	199	302	-10.2	-2.6-2095.22	-2.17	1.70	-2.63-2098.32	257.74	0.00	0.00	0.00
103	200	303	-10.3	-2.5-2097.76	-2.42	1.02	-2.61-2101.76	262.37	0.00	0.00	0.00
103	201	304	-10.5	-2.4-2100.23	-2.90	1.70	-2.58-2104.01	268.19	0.00	0.00	0.00
103	202	305	-10.6	-2.4-2102.63	-2.99	1.02	-2.56-2107.15	273.12	0.00	0.00	0.00
103	203	306	-10.8	-2.3-2104.96	-3.32	1.70	-2.53-2109.12	279.23	0.00	0.00	0.00
103	204	307	-10.9	-2.2-2107.21	-3.12	1.02	-2.51-2111.82	284.59	0.00	0.00	0.00
103	205	308	-11.1	-2.2-2109.41	-3.17	1.69	-2.49-2113.37	291.12	0.00	0.00	0.00
103	206	309	-11.2	-2.1-2111.53	-2.98	1.02	-2.47-2115.95	296.61	0.00	0.00	0.00
103	207	310	-11.3	-2.0-2113.59	-3.13	1.69	-2.44-2117.47	303.16	0.00	0.00	0.00
103	208	311	-11.5	-2.0-2115.58	-2.99	1.02	-2.42-2119.96	308.74	0.00	0.00	0.00
103	209	312	-11.6	-1.9-2117.50	-3.13	1.69	-2.40-2121.34	315.43	0.00	0.00	0.00
103	210	313	-11.7	-1.8-2119.36	-3.08	1.02	-2.38-2123.80	321.05	0.00	0.00	0.00
103	211	314	-11.9	-1.8-2121.16	-3.29	1.69	-2.36-2125.12	327.80	0.00	0.00	0.00
103	212	315	-12.0	-1.7-2122.89	-3.17	1.02	-2.34-2127.37	333.61	0.00	0.00	0.00
103	213	316	-12.1	-1.6-2124.56	-3.51	1.69	-2.32-2128.70	340.36	0.00	0.00	0.00
103	214	317	-12.3	-1.6-2126.17	-3.59	1.02	-2.30-2131.03	346.10	0.00	0.00	0.00
103	215	318	-12.4	-1.5-2127.72	-3.89	1.68	-2.28-2132.20	353.00	0.00	0.00	0.00
103	216	319	-12.5	-1.5-2129.20	-3.94	1.02	-2.26-2134.38	358.89	0.00	0.00	0.00
103	217	320	-12.7	-1.4-2130.63	-4.45	1.68	-2.24-2135.64	365.71	0.00	0.00	0.00
103	218	321	-12.8	-1.3-2132.00	-4.58	1.02	-2.22-2137.78	371.64	0.00	0.00	0.00
103	219	322	-12.9	-1.3-2133.31	-5.12	1.68	-2.20-2138.95	378.54	0.00	0.00	0.00
103	220	323	-13.0	-1.2-2134.56	-5.15	1.02	-2.18-2140.87	384.69	0.00	0.00	0.00
103	221	324	-13.2	-1.2-2135.76	-5.51	1.68	-2.17-2141.75	391.88	0.00	0.00	0.00
103	222	325	-13.3	-1.1-2136.90	-5.23	1.02	-2.15-2143.25	398.45	0.00	0.00	0.00
103	223	326	-13.4	-1.1-2137.98	-5.46	1.68	-2.13-2143.89	405.88	0.00	0.00	0.00
103	224	327	-13.5	-1.0-2139.01	-5.13	1.02	-2.11-2145.23	412.62	0.00	0.00	0.00
103	225	328	-13.7	-0.9-2139.98	-5.31	1.67	-2.10-2145.71	420.20	0.00	0.00	0.00
103	226	329	-13.8	-0.9-2140.90	-4.99	1.02	-2.08-2146.95	427.04	0.00	0.00	0.00
103	227	330	-13.9	-0.8-2141.77	-2.30	1.67	-2.06-2144.46	437.60	0.00	0.00	0.00
103	228	331	-14.0	-0.8-2142.58	-3.00	1.02	-2.05-2146.60	443.53	0.00	0.00	0.00
103	229	332	-14.1	-0.7-2143.34	-3.41	1.67	-2.03-2147.11	451.09	0.00	0.00	0.00
103	230	333	-14.3	-0.7-2144.05	-3.39	1.02	-2.02-2148.43	457.84	0.00	0.00	0.00
103	231	334	-14.4	-0.6-2144.71	-3.53	1.67	-2.00-2148.57	465.77	0.00	0.00	0.00
103	232	335	-14.5	-0.6-2145.32	-3.40	1.02	-1.98-2149.68	472.73	0.00	0.00	0.00
103	233	336	-14.6	-0.5-2145.88	-3.70	1.67	-1.97-2149.88	480.60	0.00	0.00	0.00
103	234	337	-14.7	-0.5-2146.40	-3.69	1.02	-1.95-2151.02	487.54	0.00	0.00	0.00
103	235	338	-14.8	-0.4-2146.86	-4.09	1.67	-1.94-2151.22	495.41	0.00	0.00	0.00
103	236	339	-14.9	-0.4-2147.28	-3.94	1.02	-1.92-2152.12	502.59	0.00	0.00	0.00
104	134	238	1.7	-9.8-1727.78	-0.02	0.00	-5.89-1733.69	105.00	0.00	0.00	0.00
104	135	239	1.5	-9.6-1737.46	-0.31	0.94	-5.80-1742.63	104.12	0.00	0.00	0.00
104	136	240	1.3	-9.4-1746.99	-0.28	0.00	-5.71-1752.98	101.85	0.00	0.00	0.00
104	137	241	1.1	-9.3-1756.36	-0.47	0.93	-5.63-1761.53	101.37	0.00	0.00	0.00
104	138	242	0.9	-9.2-1765.59	-0.44	0.00	-5.54-1771.57	99.39	0.00	0.00	0.00
104	139	243	0.7	-9.0-1774.67	-0.64	0.93	-5.46-1779.85	99.19	0.00	0.00	0.00
104	140	244	0.5	-8.9-1783.61	-0.82	0.00	-5.38-1789.81	97.30	0.00	0.00	0.00
104	141	245	0.3	-8.7-1792.40	-1.15	0.92	-5.30-1797.93	97.25	0.00	0.00	0.00

104	142	246	0.1	-8.6-1801.05	-1.40	0.00	-5.23-1807.68	95.58	0.00	0.00	0.00
104	143	247	-0.1	-8.4-1809.56	-1.74	0.92	-5.15-1815.54	95.79	0.00	0.00	0.00
104	144	248	-0.3	-8.3-1817.93	-1.92	0.00	-5.08-1824.93	94.47	0.00	0.00	0.00
104	145	249	-0.5	-8.2-1826.17	-2.30	0.91	-5.01-1832.56	94.91	0.00	0.00	0.00
104	146	250	-0.7	-8.0-1834.27	-2.67	0.00	-4.94-1841.87	93.67	0.00	0.00	0.00
104	147	251	-0.9	-7.9-1842.23	-3.12	0.91	-4.87-1849.31	94.30	0.00	0.00	0.00
104	148	252	-1.1	-7.8-1850.06	-3.34	0.00	-4.80-1858.21	93.48	0.00	0.00	0.00
104	149	253	-1.3	-7.6-1857.77	-3.83	0.91	-4.74-1865.43	94.33	0.00	0.00	0.00
104	150	254	-1.5	-7.5-1865.34	-4.12	0.00	-4.67-1874.13	93.69	0.00	0.00	0.00
104	151	255	-1.7	-7.4-1872.78	-4.70	0.90	-4.61-1881.19	94.70	0.00	0.00	0.00
104	152	256	-1.9	-7.3-1880.10	-4.76	0.00	-4.55-1889.41	94.55	94.24	-5.07	-0.31
104	153	257	-2.1	-7.1-1887.30	-4.68	0.90	-4.49-1895.57	96.47	0.00	0.00	0.00
104	154	258	-2.3	-7.0-1894.37	-4.49	0.00	-4.43-1903.29	96.82	0.00	0.00	0.00
104	155	259	-2.5	-6.9-1901.32	-4.49	0.89	-4.37-1909.29	98.89	98.28	-5.10	-0.61
104	156	260	-2.6	-6.8-1908.15	-4.12	0.00	-4.32-1916.59	99.67	0.00	0.00	0.00
104	157	261	-2.8	-6.6-1914.86	-4.34	0.89	-4.26-1922.57	101.76	0.00	0.00	0.00
104	158	262	-3.0	-6.5-1921.45	-4.26	0.00	-4.21-1929.92	102.48	0.00	0.00	0.00
104	159	263	-3.2	-6.4-1927.93	-4.60	0.89	-4.15-1935.80	104.67	0.00	0.00	0.00
104	160	264	-3.4	-6.3-1934.29	-4.57	0.00	-4.10-1942.96	105.58	0.00	0.00	0.00
104	161	265	-3.6	-6.2-1940.54	-4.92	0.88	-4.05-1948.63	107.99	0.00	0.00	0.00
104	162	266	-3.8	-6.1-1946.67	-5.04	0.00	-4.00-1955.71	108.97	0.00	0.00	0.00
104	163	267	-3.9	-6.0-1952.70	-5.08	0.88	-3.95-1960.85	111.90	0.00	0.00	0.00
104	164	268	-4.1	-5.9-1958.61	-4.61	0.00	-3.91-1967.13	113.70	0.00	0.00	0.00
104	165	269	-4.3	-5.7-1964.42	-4.28	0.88	-3.86-1971.68	117.22	0.00	0.00	0.00
104	166	270	-4.5	-5.6-1970.12	-3.75	0.00	-3.81-1977.68	119.29	0.00	0.00	0.00
104	167	271	-4.7	-5.5-1975.71	-3.39	0.87	-3.77-1981.99	123.05	0.00	0.00	0.00
104	168	272	-4.8	-5.4-1981.20	-2.75	0.00	-3.72-1987.67	125.44	0.00	0.00	0.00
104	169	273	-5.0	-5.3-1986.58	-2.90	0.87	-3.68-1992.29	128.89	0.00	0.00	0.00
104	170	274	-5.2	-5.2-1991.86	-2.63	0.00	-3.64-1998.13	131.13	0.00	0.00	0.00
104	171	275	-5.3	-5.1-1997.04	-2.41	0.86	-3.59-2002.18	135.14	0.00	0.00	0.00
104	172	276	-5.5	-5.0-2002.12	-2.37	0.00	-3.55-2008.04	137.35	0.00	0.00	0.00
104	173	277	-5.7	-4.9-2007.10	-2.63	0.86	-3.51-2012.38	141.08	0.00	0.00	0.00
104	174	278	-5.9	-4.8-2011.99	-2.59	0.00	-3.47-2018.05	143.49	0.00	0.00	0.00
104	175	279	-6.0	-4.7-2016.77	-2.91	0.86	-3.43-2022.26	147.35	0.00	0.00	0.00
104	176	280	-6.2	-4.6-2021.46	-2.64	0.00	-3.40-2027.50	150.18	0.00	0.00	0.00
104	177	281	-6.4	-4.5-2026.06	-2.65	0.85	-3.36-2031.21	154.54	0.00	0.00	0.00
104	178	282	-6.5	-4.5-2030.56	-2.52	0.00	-3.32-2036.40	157.42	0.00	0.00	0.00
104	179	283	-6.7	-4.4-2034.97	-2.70	0.85	-3.29-2040.10	161.79	0.00	0.00	0.00
104	180	284	-6.9	-4.3-2039.29	-2.40	0.00	-3.25-2044.94	165.03	0.00	0.00	0.00
104	181	285	-7.0	-4.2-2043.52	-2.59	0.85	-3.22-2048.47	169.57	0.00	0.00	0.00
104	182	286	-7.2	-4.1-2047.65	-2.25	0.00	-3.18-2053.08	173.03	0.00	0.00	0.00
104	183	287	-7.4	-4.0-2051.70	-2.28	0.85	-3.15-2056.28	177.90	0.00	0.00	0.00
104	184	288	-7.5	-3.9-2055.66	-1.75	0.00	-3.11-2060.53	181.73	0.00	0.00	0.00
104	185	289	-7.7	-3.8-2059.54	-1.38	0.84	-3.08-2063.16	187.17	0.00	0.00	0.00
104	186	290	-7.8	-3.7-2063.33	-0.19	0.00	-3.05-2066.57	191.83	0.00	0.00	0.00
104	187	291	-8.0	-3.7-2067.03	0.89	0.84	-3.02-2068.32	198.15	0.00	0.00	0.00
104	188	292	-8.1	-3.6-2070.66	0.09	0.00	-2.99-2073.55	200.99	0.00	0.00	0.00
104	189	293	-8.3	-3.5-2074.19	0.32	0.84	-2.96-2075.99	206.62	0.00	0.00	0.00
104	190	294	-8.5	-3.4-2077.65	0.16	0.00	-2.93-2080.42	210.26	0.00	0.00	0.00
104	191	295	-8.6	-3.3-2081.03	-0.18	0.83	-2.90-2083.27	215.48	0.00	0.00	0.00
104	192	296	-8.8	-3.3-2084.32	-0.22	0.00	-2.87-2087.41	219.42	0.00	0.00	0.00
104	193	297	-8.9	-3.2-2087.54	-0.52	0.83	-2.84-2090.07	224.83	0.00	0.00	0.00
104	194	298	-9.1	-3.1-2090.68	-0.59	0.00	-2.81-2094.08	228.89	0.00	0.00	0.00
104	195	299	-9.2	-3.0-2093.74	-0.92	0.83	-2.79-2096.61	234.43	0.00	0.00	0.00
104	196	300	-9.4	-2.9-2096.72	-0.98	0.00	-2.76-2100.46	238.65	0.00	0.00	0.00
104	197	301	-9.5	-2.9-2099.63	-1.46	0.82	-2.73-2103.00	244.19	0.00	0.00	0.00
104	198	302	-9.7	-2.8-2102.46	-1.59	0.00	-2.71-2106.76	248.50	0.00	0.00	0.00
104	199	303	-9.8	-2.7-2105.22	-2.08	0.82	-2.68-2109.16	254.17	0.00	0.00	0.00
104	200	304	-9.9	-2.6-2107.91	-2.35	0.00	-2.65-2112.91	258.48	0.00	0.00	0.00
104	201	305	-10.1	-2.6-2110.52	-2.79	0.82	-2.63-2115.12	264.35	0.00	0.00	0.00
104	202	306	-10.2	-2.5-2113.06	-2.88	0.00	-2.61-2118.55	268.99	0.00	0.00	0.00
104	203	307	-10.4	-2.4-2115.53	-3.17	0.82	-2.58-2120.47	275.14	0.00	0.00	0.00
104	204	308	-10.5	-2.4-2117.94	-2.97	0.00	-2.56-2123.46	280.22	0.00	0.00	0.00
104	205	309	-10.7	-2.3-2120.27	-3.15	0.81	-2.53-2125.14	286.62	0.00	0.00	0.00
104	206	310	-10.8	-2.2-2122.53	-2.95	0.00	-2.51-2127.99	291.84	0.00	0.00	0.00
104	207	311	-10.9	-2.2-2124.72	-3.10	0.81	-2.49-2129.50	298.40	0.00	0.00	0.00

104	208	312-11.1	-2.1-2126.85	-2.93	0.00	-2.47-2132.25	303.72	0.00	0.00	0.00	
104	209	313-11.2	-2.0-2128.91	-3.15	0.81	-2.44-2133.70	310.34	0.00	0.00	0.00	
104	210	314-11.4	-2.0-2130.91	-3.05	0.00	-2.42-2136.38	315.73	0.00	0.00	0.00	
104	211	315-11.5	-1.9-2132.84	-3.33	0.81	-2.40-2137.77	322.42	0.00	0.00	0.00	
104	212	316-11.6	-1.8-2134.71	-3.22	0.00	-2.38-2140.31	327.95	0.00	0.00	0.00	
104	213	317-11.8	-1.8-2136.51	-3.64	0.80	-2.36-2141.71	334.62	0.00	0.00	0.00	
104	214	318-11.9	-1.7-2138.25	-3.49	0.00	-2.34-2144.08	340.32	0.00	0.00	0.00	
104	215	319-12.0	-1.6-2139.93	-3.96	0.80	-2.32-2145.41	347.06	0.00	0.00	0.00	
104	216	320-12.2	-1.6-2141.55	-3.89	0.00	-2.30-2147.74	352.80	0.00	0.00	0.00	
104	217	321-12.3	-1.5-2143.11	-4.43	0.80	-2.28-2149.02	359.60	0.00	0.00	0.00	
104	218	322-12.4	-1.5-2144.60	-4.54	0.00	-2.26-2151.40	365.28	0.00	0.00	0.00	
104	219	323-12.5	-1.4-2146.04	-5.10	0.80	-2.24-2152.59	372.17	0.00	0.00	0.00	
104	220	324-12.7	-1.3-2147.42	-5.15	0.00	-2.22-2154.79	378.03	0.00	0.00	0.00	
104	221	325-12.8	-1.3-2148.74	-5.52	0.79	-2.20-2155.67	385.23	0.00	0.00	0.00	
104	222	326-12.9	-1.2-2150.00	-5.28	0.00	-2.19-2157.47	391.50	0.00	0.00	0.00	
104	223	327-13.0	-1.2-2151.21	-5.48	0.79	-2.17-2158.07	398.97	0.00	0.00	0.00	
104	224	328-13.2	-1.1-2152.36	-5.16	0.00	-2.15-2159.67	405.44	0.00	0.00	0.00	
104	225	329-13.3	-1.1-2153.46	-5.35	0.79	-2.13-2160.15	413.03	0.00	0.00	0.00	
104	226	330-13.4	-1.0-2154.50	-5.12	0.00	-2.12-2161.73	419.52	0.00	0.00	0.00	
104	227	331-13.5	-1.0-2155.49	-2.76	0.79	-2.10-2159.56	429.77	0.00	0.00	0.00	
104	228	332-13.6	-0.9-2156.42	-3.49	0.00	-2.08-2161.99	435.41	0.00	0.00	0.00	
104	229	333-13.8	-0.8-2157.30	-3.87	0.78	-2.07-2162.45	443.02	0.00	0.00	0.00	
104	230	334-13.9	-0.8-2158.13	-3.83	0.00	-2.05-2164.01	449.53	0.00	0.00	0.00	
104	231	335-14.0	-0.7-2158.90	-3.95	0.78	-2.03-2164.10	457.51	0.00	0.00	0.00	
104	232	336-14.1	-0.7-2159.63	-3.79	0.00	-2.02-2165.44	464.25	0.00	0.00	0.00	
104	233	337-14.2	-0.6-2160.30	-4.12	0.78	-2.00-2165.65	472.11	0.00	0.00	0.00	
104	234	338-14.3	-0.6-2160.93	-3.98	0.00	-1.99-2166.90	478.93	0.00	0.00	0.00	
104	235	339-14.5	-0.5-2161.51	-4.36	0.78	-1.97-2167.06	486.84	0.00	0.00	0.00	
105	136	241	1.7	-9.7-1745.46	-0.41	1.02	-5.83-1750.68	111.41	0.00	0.00	0.00
105	137	242	1.5	-9.5-1755.05	-0.64	1.78	-5.74-1759.65	110.51	0.00	0.00	0.00
105	138	243	1.3	-9.4-1764.49	-0.61	1.02	-5.65-1769.73	108.50	0.00	0.00	0.00
105	139	244	1.1	-9.2-1773.77	-0.77	1.78	-5.57-1778.34	107.97	0.00	0.00	0.00
105	140	245	0.9	-9.1-1782.91	-0.94	1.02	-5.49-1788.32	106.05	0.00	0.00	0.00
105	141	246	0.7	-8.9-1791.91	-1.27	1.77	-5.41-1796.82	105.63	0.00	0.00	0.00
105	142	247	0.5	-8.8-1800.76	-1.50	1.02	-5.33-1806.58	103.95	0.00	0.00	0.00
105	143	248	0.3	-8.6-1809.47	-1.88	1.77	-5.25-1814.84	103.75	0.00	0.00	0.00
105	144	249	0.1	-8.5-1818.05	-2.06	1.02	-5.18-1824.27	102.39	0.00	0.00	0.00
105	145	250	-0.1	-8.4-1826.48	-2.44	1.76	-5.11-1832.26	102.47	0.00	0.00	0.00
105	146	251	-0.3	-8.2-1834.78	-2.82	1.02	-5.04-1841.62	101.19	0.00	0.00	0.00
105	147	252	-0.5	-8.1-1842.94	-3.30	1.76	-4.97-1849.45	101.43	0.00	0.00	0.00
105	148	253	-0.7	-8.0-1850.97	-3.57	1.02	-4.90-1858.42	100.53	0.00	0.00	0.00
105	149	254	-0.9	-7.8-1858.87	-4.01	1.76	-4.83-1865.95	101.07	0.00	0.00	0.00
105	150	255	-1.1	-7.7-1866.64	-4.41	1.02	-4.77-1874.80	100.30	0.00	0.00	0.00
105	151	256	-1.3	-7.6-1874.28	-4.99	1.76	-4.70-1882.21	100.95	0.00	0.00	0.00
105	152	257	-1.5	-7.4-1881.79	-5.10	1.02	-4.64-1890.51	100.73	0.00	0.00	0.00
105	153	258	-1.7	-7.3-1889.18	-5.07	1.75	-4.58-1897.07	102.24	0.00	0.00	0.00
105	154	259	-1.9	-7.2-1896.44	-4.91	1.02	-4.52-1904.85	102.53	0.00	0.00	0.00
105	155	260	-2.1	-7.1-1903.58	-4.98	1.75	-4.46-1911.27	104.18	0.00	0.00	0.00
105	156	261	-2.2	-7.0-1910.59	-4.66	1.02	-4.40-1918.64	104.88	0.00	0.00	0.00
105	157	262	-2.4	-6.8-1917.49	-4.89	1.75	-4.34-1924.98	106.61	0.00	0.00	0.00
105	158	263	-2.6	-6.7-1924.27	-4.84	1.02	-4.29-1932.38	107.28	0.00	0.00	0.00
105	159	264	-2.8	-6.6-1930.93	-5.21	1.74	-4.24-1938.63	109.10	0.00	0.00	0.00
105	160	265	-3.0	-6.5-1937.48	-5.32	1.02	-4.18-1945.96	109.84	0.00	0.00	0.00
105	161	266	-3.2	-6.4-1943.91	-5.57	1.74	-4.13-1951.87	112.01	0.00	0.00	0.00
105	162	267	-3.3	-6.3-1950.23	-5.75	1.02	-4.08-1959.04	112.91	0.00	0.00	0.00
105	163	268	-3.5	-6.1-1956.43	-5.79	1.74	-4.03-1964.51	115.51	0.00	0.00	0.00
105	164	269	-3.7	-6.0-1962.53	-5.28	1.02	-3.98-1970.77	117.32	0.00	0.00	0.00
105	165	270	-3.9	-5.9-1968.51	-4.97	1.73	-3.93-1975.68	120.48	0.00	0.00	0.00
105	166	271	-4.1	-5.8-1974.39	-4.40	1.02	-3.89-1981.66	122.58	0.00	0.00	0.00
105	167	272	-4.2	-5.7-1980.16	-4.06	1.73	-3.84-1986.33	125.98	0.00	0.00	0.00
105	168	273	-4.4	-5.6-1985.82	-3.29	1.02	-3.79-1991.89	128.49	0.00	0.00	0.00
105	169	274	-4.6	-5.5-1991.38	-3.43	1.73	-3.75-1996.83	131.62	0.00	0.00	0.00
105	170	275	-4.8	-5.4-1996.84	-3.19	1.02	-3.71-2002.72	133.80	0.00	0.00	0.00
105	171	276	-4.9	-5.3-2002.19	-3.11	1.73	-3.66-2007.24	137.36	0.00	0.00	0.00
105	172	277	-5.1	-5.2-2007.44	-2.89	1.02	-3.62-2012.94	139.73	0.00	0.00	0.00
105	173	278	-5.3	-5.1-2012.60	-3.14	1.72	-3.58-2017.59	143.14	0.00	0.00	0.00

105	174	279	-5.5	-5.0-2017.65	-3.11	1.02	-3.54-2023.28	145.52	0.00	0.00	0.00
105	175	280	-5.6	-4.9-2022.61	-3.42	1.72	-3.50-2027.80	149.07	0.00	0.00	0.00
105	176	281	-5.8	-4.8-2027.46	-3.15	1.02	-3.46-2033.06	151.89	0.00	0.00	0.00
105	177	282	-6.0	-4.7-2032.23	-3.00	1.72	-3.42-2036.93	156.09	0.00	0.00	0.00
105	178	283	-6.1	-4.6-2036.90	-2.85	1.02	-3.38-2042.11	158.98	0.00	0.00	0.00
105	179	284	-6.3	-4.5-2041.47	-3.07	1.72	-3.35-2046.17	162.99	0.00	0.00	0.00
105	180	285	-6.5	-4.4-2045.95	-2.89	1.02	-3.31-2051.14	166.10	0.00	0.00	0.00
105	181	286	-6.6	-4.3-2050.34	-2.86	1.71	-3.28-2054.77	170.54	0.00	0.00	0.00
105	182	287	-6.8	-4.3-2054.65	-2.51	1.02	-3.24-2059.38	174.00	0.00	0.00	0.00
105	183	288	-6.9	-4.2-2058.86	-2.56	1.71	-3.21-2062.91	178.54	0.00	0.00	0.00
105	184	289	-7.1	-4.1-2062.98	-2.03	1.02	-3.17-2067.16	182.36	0.00	0.00	0.00
105	185	290	-7.3	-4.0-2067.01	-0.96	1.71	-3.14-2069.40	188.19	0.00	0.00	0.00
105	186	291	-7.4	-3.9-2070.96	-0.42	1.02	-3.11-2073.47	192.19	0.00	0.00	0.00
105	187	292	-7.6	-3.8-2074.82	-0.88	1.71	-3.07-2077.07	196.66	0.00	0.00	0.00
105	188	293	-7.7	-3.7-2078.60	-0.27	1.02	-3.04-2080.90	200.91	0.00	0.00	0.00
105	189	294	-7.9	-3.6-2082.30	0.19	1.70	-3.01-2083.42	206.46	0.00	0.00	0.00
105	190	295	-8.1	-3.6-2085.91	0.02	1.02	-2.98-2087.85	210.10	0.00	0.00	0.00
105	191	296	-8.2	-3.5-2089.44	-0.31	1.70	-2.95-2091.00	215.02	0.00	0.00	0.00
105	192	297	-8.4	-3.4-2092.89	-0.37	1.02	-2.92-2095.16	218.93	0.00	0.00	0.00
105	193	298	-8.5	-3.3-2096.26	-0.70	1.70	-2.89-2098.15	224.02	0.00	0.00	0.00
105	194	299	-8.7	-3.2-2099.54	-0.75	1.02	-2.86-2102.14	228.09	0.00	0.00	0.00
105	195	300	-8.8	-3.2-2102.76	-1.09	1.70	-2.84-2104.98	233.32	0.00	0.00	0.00
105	196	301	-9.0	-3.1-2105.89	-1.20	1.02	-2.81-2108.88	237.50	0.00	0.00	0.00
105	197	302	-9.1	-3.0-2108.95	-1.66	1.70	-2.78-2111.69	242.76	0.00	0.00	0.00
105	198	303	-9.3	-2.9-2111.93	-1.84	1.02	-2.76-2115.50	247.02	0.00	0.00	0.00
105	199	304	-9.4	-2.9-2114.83	-2.30	1.69	-2.73-2118.17	252.43	0.00	0.00	0.00
105	200	305	-9.6	-2.8-2117.66	-2.56	1.02	-2.70-2121.91	256.76	0.00	0.00	0.00
105	201	306	-9.7	-2.7-2120.42	-3.04	1.69	-2.68-2124.45	262.29	0.00	0.00	0.00
105	202	307	-9.8	-2.6-2123.11	-3.06	1.02	-2.65-2127.80	267.00	0.00	0.00	0.00
105	203	308	-10.0	-2.6-2125.72	-3.32	1.69	-2.63-2129.98	272.90	0.00	0.00	0.00
105	204	309	-10.1	-2.5-2128.27	-3.24	1.02	-2.60-2133.09	277.86	0.00	0.00	0.00
105	205	310	-10.3	-2.4-2130.74	-3.43	1.69	-2.58-2135.06	283.96	0.00	0.00	0.00
105	206	311	-10.4	-2.4-2133.14	-3.20	1.02	-2.56-2137.88	289.21	0.00	0.00	0.00
105	207	312	-10.6	-2.3-2135.47	-3.38	1.69	-2.53-2139.70	295.46	0.00	0.00	0.00
105	208	313	-10.7	-2.2-2137.74	-3.26	1.02	-2.51-2142.49	300.74	0.00	0.00	0.00
105	209	314	-10.8	-2.2-2139.94	-3.53	1.68	-2.49-2144.27	307.03	0.00	0.00	0.00
105	210	315	-11.0	-2.1-2142.07	-3.48	1.02	-2.47-2147.00	312.38	0.00	0.00	0.00
105	211	316	-11.1	-2.0-2144.14	-3.85	1.68	-2.44-2148.75	318.70	0.00	0.00	0.00
105	212	317	-11.2	-2.0-2146.14	-3.72	1.02	-2.42-2151.27	324.25	0.00	0.00	0.00
105	213	318	-11.4	-1.9-2148.08	-4.11	1.68	-2.40-2152.91	330.68	0.00	0.00	0.00
105	214	319	-11.5	-1.8-2149.95	-4.16	1.02	-2.38-2155.48	336.19	0.00	0.00	0.00
105	215	320	-11.6	-1.8-2151.76	-4.56	1.68	-2.36-2157.01	342.73	0.00	0.00	0.00
105	216	321	-11.8	-1.7-2153.51	-4.64	1.02	-2.34-2159.47	348.33	0.00	0.00	0.00
105	217	322	-11.9	-1.7-2155.20	-5.05	1.68	-2.32-2160.89	354.99	0.00	0.00	0.00
105	218	323	-12.0	-1.6-2156.82	-4.92	1.02	-2.30-2163.03	360.92	0.00	0.00	0.00
105	219	324	-12.2	-1.5-2158.39	-5.47	1.67	-2.28-2164.47	367.55	0.00	0.00	0.00
105	220	325	-12.3	-1.5-2159.90	-5.54	1.02	-2.26-2166.68	373.41	0.00	0.00	0.00
105	221	326	-12.4	-1.4-2161.35	-5.92	1.67	-2.24-2167.84	380.33	0.00	0.00	0.00
105	222	327	-12.5	-1.4-2162.74	-5.70	1.02	-2.23-2169.64	386.59	0.00	0.00	0.00
105	223	328	-12.7	-1.3-2164.07	-5.84	1.67	-2.21-2170.44	393.86	0.00	0.00	0.00
105	224	329	-12.8	-1.2-2165.34	-5.64	1.02	-2.19-2172.15	400.23	0.00	0.00	0.00
105	225	330	-12.9	-1.2-2166.56	-5.85	1.67	-2.17-2172.91	407.54	0.00	0.00	0.00
105	226	331	-13.0	-1.1-2167.72	-5.56	1.02	-2.15-2174.42	414.10	0.00	0.00	0.00
105	227	332	-13.2	-1.1-2168.83	-3.26	1.67	-2.14-2172.56	424.03	0.00	0.00	0.00
105	228	333	-13.3	-1.0-2169.89	-3.92	1.02	-2.12-2174.91	429.76	0.00	0.00	0.00
105	229	334	-13.4	-1.0-2170.88	-4.30	1.66	-2.10-2175.62	437.11	0.00	0.00	0.00
105	230	335	-13.5	-0.9-2171.83	-4.23	1.02	-2.09-2177.13	443.68	0.00	0.00	0.00
105	231	336	-13.6	-0.9-2172.73	-4.35	1.66	-2.07-2177.48	451.40	0.00	0.00	0.00
105	232	337	-13.8	-0.8-2173.57	-4.16	1.02	-2.05-2178.76	458.19	0.00	0.00	0.00
105	233	338	-13.9	-0.8-2174.36	-4.51	1.66	-2.04-2179.25	465.78	0.00	0.00	0.00
105	234	339	-14.0	-0.7-2175.10	-4.36	1.02	-2.02-2180.46	472.63	0.00	0.00	0.00
106	138	244	1.7	-9.6-1762.98	-0.57	0.00	-5.76-1769.31	116.19	0.00	0.00	0.00
106	139	245	1.5	-9.4-1772.47	-0.53	0.93	-5.68-1777.75	115.82	0.00	0.00	0.00
106	140	246	1.3	-9.3-1781.82	-0.67	0.00	-5.60-1788.08	113.56	0.00	0.00	0.00
106	141	247	1.1	-9.1-1791.02	-1.01	0.92	-5.51-1796.62	113.10	0.00	0.00	0.00
106	142	248	0.9	-9.0-1800.07	-1.22	0.00	-5.44-1806.73	111.06	0.00	0.00	0.00

106	143	249	0.7	-8.8-1808.99	-1.57	0.92	-5.36-1815.00	110.86	0.00	0.00	0.00
106	144	250	0.5	-8.7-1817.76	-1.78	0.00	-5.28-1824.82	109.11	0.00	0.00	0.00
106	145	251	0.3	-8.6-1826.39	-2.16	0.91	-5.21-1832.85	109.16	0.00	0.00	0.00
106	146	252	0.1	-8.4-1834.89	-2.57	0.00	-5.13-1842.60	107.48	0.00	0.00	0.00
106	147	253	-0.1	-8.3-1843.25	-3.06	0.91	-5.06-1850.46	107.68	0.00	0.00	0.00
106	148	254	-0.3	-8.2-1851.48	-3.35	0.00	-4.99-1859.82	106.40	0.00	0.00	0.00
106	149	255	-0.5	-8.0-1859.57	-3.90	0.91	-4.93-1867.49	106.80	0.00	0.00	0.00
106	150	256	-0.7	-7.9-1867.53	-4.35	0.00	-4.86-1876.74	105.62	0.00	0.00	0.00
106	151	257	-0.9	-7.8-1875.37	-4.83	0.90	-4.79-1884.09	106.34	0.00	0.00	0.00
106	152	258	-1.1	-7.6-1883.07	-4.95	0.00	-4.73-1892.75	105.75	0.00	0.00	0.00
106	153	259	-1.3	-7.5-1890.65	-5.07	0.90	-4.67-1899.49	107.09	0.00	0.00	0.00
106	154	260	-1.5	-7.4-1898.10	-4.85	0.00	-4.61-1907.56	107.09	106.59	-5.35	-0.50
106	155	261	-1.6	-7.3-1905.43	-4.93	0.89	-4.55-1914.01	108.71	0.00	0.00	0.00
106	156	262	-1.8	-7.1-1912.64	-4.63	0.00	-4.49-1921.75	109.04	0.00	0.00	0.00
106	157	263	-2.0	-7.0-1919.72	-4.90	0.89	-4.43-1928.16	110.70	110.10	-5.50	-0.60
106	158	264	-2.2	-6.9-1926.69	-4.89	0.00	-4.37-1935.95	110.98	0.00	0.00	0.00
106	159	265	-2.4	-6.8-1933.53	-5.30	0.89	-4.32-1942.26	112.74	0.00	0.00	0.00
106	160	266	-2.6	-6.7-1940.26	-5.44	0.00	-4.26-1949.97	113.11	0.00	0.00	0.00
106	161	267	-2.8	-6.6-1946.88	-5.81	0.88	-4.21-1956.02	115.13	0.00	0.00	0.00
106	162	268	-2.9	-6.4-1953.38	-5.91	0.00	-4.16-1963.45	115.77	0.00	0.00	0.00
106	163	269	-3.1	-6.3-1959.76	-5.97	0.88	-4.11-1968.96	118.33	0.00	0.00	0.00
106	164	270	-3.3	-6.2-1966.04	-5.52	0.00	-4.06-1975.62	119.74	0.00	0.00	0.00
106	165	271	-3.5	-6.1-1972.21	-5.18	0.88	-4.01-1980.52	122.91	0.00	0.00	0.00
106	166	272	-3.7	-6.0-1978.26	-4.59	0.00	-3.96-1986.81	124.69	0.00	0.00	0.00
106	167	273	-3.8	-5.9-1984.21	-4.23	0.87	-3.91-1991.48	128.10	0.00	0.00	0.00
106	168	274	-4.0	-5.8-1990.05	-3.52	0.00	-3.87-1997.44	130.21	0.00	0.00	0.00
106	169	275	-4.2	-5.7-1995.78	-3.66	0.87	-3.82-2002.40	133.32	0.00	0.00	0.00
106	170	276	-4.4	-5.6-2001.41	-3.35	0.00	-3.78-2008.54	135.25	0.00	0.00	0.00
106	171	277	-4.5	-5.5-2006.94	-3.11	0.86	-3.73-2012.92	138.94	0.00	0.00	0.00
106	172	278	-4.7	-5.4-2012.37	-3.13	0.00	-3.69-2019.18	140.75	0.00	0.00	0.00
106	173	279	-4.9	-5.3-2017.69	-3.55	0.86	-3.65-2024.03	143.98	0.00	0.00	0.00
106	174	280	-5.1	-5.2-2022.91	-3.56	0.00	-3.61-2030.08	146.00	0.00	0.00	0.00
106	175	281	-5.2	-5.1-2028.04	-3.92	0.86	-3.57-2034.67	149.48	0.00	0.00	0.00
106	176	282	-5.4	-5.0-2033.07	-3.62	0.00	-3.53-2040.21	152.01	0.00	0.00	0.00
106	177	283	-5.6	-4.9-2038.00	-3.46	0.85	-3.49-2044.09	156.20	0.00	0.00	0.00
106	178	284	-5.7	-4.8-2042.83	-3.41	0.00	-3.45-2049.69	158.67	0.00	0.00	0.00
106	179	285	-5.9	-4.7-2047.57	-3.63	0.85	-3.41-2053.76	162.67	0.00	0.00	0.00
106	180	286	-6.1	-4.6-2052.22	-3.31	0.00	-3.37-2058.90	165.60	0.00	0.00	0.00
106	181	287	-6.2	-4.5-2056.77	-3.47	0.85	-3.34-2062.73	169.84	0.00	0.00	0.00
106	182	288	-6.4	-4.4-2061.24	-3.10	0.00	-3.30-2067.64	173.01	0.00	0.00	0.00
106	183	289	-6.6	-4.3-2065.61	-3.15	0.85	-3.27-2071.18	177.54	0.00	0.00	0.00
106	184	290	-6.7	-4.2-2069.89	-2.54	0.00	-3.23-2075.67	181.12	0.00	0.00	0.00
106	185	291	-6.9	-4.1-2074.09	-1.52	0.84	-3.20-2077.96	186.90	0.00	0.00	0.00
106	186	292	-7.0	-4.1-2078.20	-1.42	0.00	-3.16-2082.78	190.15	0.00	0.00	0.00
106	187	293	-7.2	-4.0-2082.22	-1.10	0.84	-3.13-2085.61	195.39	0.00	0.00	0.00
106	188	294	-7.3	-3.9-2086.15	-0.43	0.00	-3.10-2089.68	199.39	0.00	0.00	0.00
106	189	295	-7.5	-3.8-2090.00	-0.27	0.84	-3.07-2092.50	204.64	0.00	0.00	0.00
106	190	296	-7.7	-3.7-2093.77	0.25	0.00	-3.04-2096.56	208.66	0.00	0.00	0.00
106	191	297	-7.8	-3.6-2097.45	-0.02	0.83	-3.01-2099.65	213.64	0.00	0.00	0.00
106	192	298	-8.0	-3.6-2101.06	-0.13	0.00	-2.98-2104.16	217.20	0.00	0.00	0.00
106	193	299	-8.1	-3.5-2104.58	-0.46	0.83	-2.95-2107.15	222.28	0.00	0.00	0.00
106	194	300	-8.3	-3.4-2108.02	-0.51	0.00	-2.92-2111.44	226.06	0.00	0.00	0.00
106	195	301	-8.4	-3.3-2111.38	-0.89	0.83	-2.89-2114.33	231.24	0.00	0.00	0.00
106	196	302	-8.6	-3.2-2114.66	-1.02	0.00	-2.86-2118.54	235.10	0.00	0.00	0.00
106	197	303	-8.7	-3.2-2117.87	-1.46	0.82	-2.83-2121.34	240.38	0.00	0.00	0.00
106	198	304	-8.9	-3.1-2121.00	-1.66	0.00	-2.81-2125.46	244.33	0.00	0.00	0.00
106	199	305	-9.0	-3.0-2124.05	-2.17	0.82	-2.78-2128.18	249.68	0.00	0.00	0.00
106	200	306	-9.2	-2.9-2127.03	-2.43	0.00	-2.75-2132.21	253.72	0.00	0.00	0.00
106	201	307	-9.3	-2.9-2129.93	-2.86	0.82	-2.73-2134.70	259.30	0.00	0.00	0.00
106	202	308	-9.5	-2.8-2132.76	-2.97	0.00	-2.70-2138.43	263.64	0.00	0.00	0.00
106	203	309	-9.6	-2.7-2135.52	-3.20	0.82	-2.68-2140.58	269.57	0.00	0.00	0.00
106	204	310	-9.7	-2.6-2138.20	-3.15	0.00	-2.65-2144.00	274.21	0.00	0.00	0.00
106	205	311	-9.9	-2.6-2140.82	-3.30	0.81	-2.63-2145.93	280.36	0.00	0.00	0.00
106	206	312	-10.0	-2.5-2143.36	-3.13	0.00	-2.60-2149.09	285.27	0.00	0.00	0.00
106	207	313	-10.2	-2.4-2145.84	-3.34	0.81	-2.58-2150.94	291.49	0.00	0.00	0.00
106	208	314	-10.3	-2.4-2148.24	-3.24	0.00	-2.56-2154.04	296.47	0.00	0.00	0.00

106	209	315-10.4	-2.3-2150.58	-3.57	0.81	-2.53-2155.87	302.70	0.00	0.00	0.00	
106	210	316-10.6	-2.2-2152.85	-3.56	0.00	-2.51-2158.92	307.73	0.00	0.00	0.00	
106	211	317-10.7	-2.2-2155.05	-3.93	0.81	-2.49-2160.66	314.05	0.00	0.00	0.00	
106	212	318-10.9	-2.1-2157.19	-3.98	0.00	-2.47-2163.64	319.15	0.00	0.00	0.00	
106	213	319-11.0	-2.0-2159.26	-4.31	0.80	-2.44-2165.21	325.65	0.00	0.00	0.00	
106	214	320-11.1	-2.0-2161.27	-4.20	0.00	-2.42-2167.89	331.04	0.00	0.00	0.00	
106	215	321-11.3	-1.9-2163.21	-4.43	0.80	-2.40-2169.24	337.76	0.00	0.00	0.00	
106	216	322-11.4	-1.8-2165.09	-4.40	0.00	-2.38-2171.87	343.20	0.00	0.00	0.00	
106	217	323-11.5	-1.8-2166.91	-4.55	0.80	-2.36-2173.02	350.12	0.00	0.00	0.00	
106	218	324-11.6	-1.7-2168.67	-4.89	0.00	-2.34-2175.90	355.32	0.00	0.00	0.00	
106	219	325-11.8	-1.7-2170.36	-5.51	0.80	-2.32-2177.40	361.89	0.00	0.00	0.00	
106	220	326-11.9	-1.6-2172.00	-5.45	0.00	-2.30-2179.75	367.61	0.00	0.00	0.00	
106	221	327-12.0	-1.5-2173.57	-5.82	0.79	-2.28-2180.88	374.55	0.00	0.00	0.00	
106	222	328-12.2	-1.5-2175.09	-5.47	0.00	-2.26-2182.82	380.68	0.00	0.00	0.00	
106	223	329-12.3	-1.4-2176.55	-5.81	0.79	-2.25-2183.81	387.76	0.00	0.00	0.00	
106	224	330-12.4	-1.4-2177.95	-5.55	0.00	-2.23-2185.72	393.92	0.00	0.00	0.00	
106	225	331-12.5	-1.3-2179.29	-5.76	0.79	-2.21-2186.47	401.25	0.00	0.00	0.00	
106	226	332-12.7	-1.3-2180.58	-2.74	0.00	-2.19-2185.51	410.28	0.00	0.00	0.00	
106	227	333-12.8	-1.2-2181.81	-3.78	0.79	-2.17-2186.97	416.89	0.00	0.00	0.00	
106	228	334-12.9	-1.1-2182.98	-4.53	0.00	-2.16-2189.67	422.26	0.00	0.00	0.00	
106	229	335-13.0	-1.1-2184.10	-4.84	0.78	-2.14-2190.30	429.71	0.00	0.00	0.00	
106	230	336-13.1	-1.0-2185.17	-4.77	0.00	-2.12-2192.06	436.01	0.00	0.00	0.00	
106	231	337-13.3	-1.0-2186.18	-4.96	0.78	-2.11-2192.47	443.68	0.00	0.00	0.00	
106	232	338-13.4	-0.9-2187.14	-4.61	0.00	-2.09-2193.84	450.38	0.00	0.00	0.00	
106	233	339-13.5	-0.9-2188.05	-4.86	0.78	-2.07-2194.20	458.09	0.00	0.00	0.00	
107	140	247	1.7	-9.5-1780.32	-1.02	1.01	-5.71-1786.04	122.87	0.00	0.00	0.00
107	141	248	1.5	-9.3-1789.73	-1.12	1.77	-5.62-1794.70	122.28	0.00	0.00	0.00
107	142	249	1.3	-9.2-1798.99	-1.34	1.01	-5.54-1804.86	120.20	0.00	0.00	0.00
107	143	250	1.1	-9.0-1808.10	-1.68	1.76	-5.46-1813.48	119.65	0.00	0.00	0.00
107	144	251	0.9	-8.9-1817.07	-2.05	1.01	-5.38-1823.50	117.70	0.00	0.00	0.00
107	145	252	0.7	-8.8-1825.91	-2.45	1.76	-5.31-1831.91	117.36	0.00	0.00	0.00
107	146	253	0.5	-8.6-1834.60	-2.73	1.01	-5.23-1841.56	115.78	0.00	0.00	0.00
107	147	254	0.3	-8.5-1843.16	-3.21	1.76	-5.16-1849.78	115.64	0.00	0.00	0.00
107	148	255	0.1	-8.4-1851.58	-3.59	1.01	-5.09-1859.25	114.23	0.00	0.00	0.00
107	149	256	-0.1	-8.2-1859.87	-4.07	1.75	-5.02-1867.21	114.35	0.00	0.00	0.00
107	150	257	-0.3	-8.1-1868.03	-4.51	1.01	-4.95-1876.48	113.15	0.00	0.00	0.00
107	151	258	-0.5	-8.0-1876.06	-5.02	1.75	-4.89-1884.21	113.49	0.00	0.00	0.00
107	152	259	-0.7	-7.8-1883.95	-5.22	1.01	-4.82-1892.98	112.79	0.00	0.00	0.00
107	153	260	-0.9	-7.7-1891.72	-5.28	1.75	-4.76-1900.01	113.83	0.00	0.00	0.00
107	154	261	-1.1	-7.6-1899.36	-5.19	1.01	-4.69-1908.24	113.68	0.00	0.00	0.00
107	155	262	-1.2	-7.5-1906.88	-5.31	1.74	-4.63-1915.08	114.90	0.00	0.00	0.00
107	156	263	-1.4	-7.3-1914.28	-5.17	1.01	-4.57-1923.01	115.05	0.00	0.00	0.00
107	157	264	-1.6	-7.2-1921.55	-5.37	1.74	-4.51-1929.69	116.43	0.00	0.00	0.00
107	158	265	-1.8	-7.1-1928.70	-5.40	1.01	-4.46-1937.55	116.65	0.00	0.00	0.00
107	159	266	-2.0	-7.0-1935.73	-5.84	1.74	-4.40-1944.24	118.03	0.00	0.00	0.00
107	160	267	-2.2	-6.9-1942.65	-6.00	1.01	-4.34-1951.98	118.36	0.00	0.00	0.00
107	161	268	-2.4	-6.7-1949.45	-6.41	1.73	-4.29-1958.41	120.00	0.00	0.00	0.00
107	162	269	-2.5	-6.6-1956.13	-6.55	1.01	-4.24-1965.90	120.58	0.00	0.00	0.00
107	163	270	-2.7	-6.5-1962.70	-6.61	1.73	-4.18-1971.76	122.79	0.00	0.00	0.00
107	164	271	-2.9	-6.4-1969.15	-6.17	1.01	-4.13-1978.45	124.18	0.00	0.00	0.00
107	165	272	-3.1	-6.3-1975.50	-5.84	1.73	-4.08-1983.69	127.01	0.00	0.00	0.00
107	166	273	-3.3	-6.2-1981.73	-5.26	1.01	-4.03-1990.01	128.76	0.00	0.00	0.00
107	167	274	-3.4	-6.1-1987.86	-4.93	1.73	-3.99-1995.05	131.79	0.00	0.00	0.00
107	168	275	-3.6	-6.0-1993.87	-4.11	1.01	-3.94-2000.91	134.00	0.00	0.00	0.00
107	169	276	-3.8	-5.9-1999.78	-4.23	1.72	-3.89-2006.18	136.80	0.00	0.00	0.00
107	170	277	-4.0	-5.7-2005.59	-4.01	1.01	-3.85-2012.43	138.62	0.00	0.00	0.00
107	171	278	-4.1	-5.6-2011.29	-3.69	1.72	-3.80-2017.06	142.07	0.00	0.00	0.00
107	172	279	-4.3	-5.5-2016.89	-3.72	1.01	-3.76-2023.35	143.84	0.00	0.00	0.00
107	173	280	-4.5	-5.4-2022.38	-4.13	1.72	-3.72-2028.51	146.76	0.00	0.00	0.00
107	174	281	-4.7	-5.3-2027.78	-4.11	1.01	-3.67-2034.55	148.79	0.00	0.00	0.00
107	175	282	-4.8	-5.2-2033.07	-4.49	1.72	-3.63-2039.48	151.93	0.00	0.00	0.00
107	176	283	-5.0	-5.1-2038.27	-4.17	1.01	-3.59-2045.02	154.47	0.00	0.00	0.00
107	177	284	-5.2	-5.0-2043.37	-4.21	1.71	-3.55-2049.41	158.14	0.00	0.00	0.00
107	178	285	-5.3	-4.9-2048.37	-3.88	1.01	-3.51-2054.75	160.88	0.00	0.00	0.00
107	179	286	-5.5	-4.9-2053.27	-4.14	1.71	-3.47-2059.18	164.52	0.00	0.00	0.00
107	180	287	-5.7	-4.8-2058.09	-3.79	1.01	-3.44-2064.30	167.47	0.00	0.00	0.00

107	181	288	-5.8	-4.7-2062.81	-3.96	1.71	-3.40-2068.46	171.38	0.00	0.00	0.00
107	182	289	-6.0	-4.6-2067.43	-3.61	1.01	-3.36-2073.39	174.52	0.00	0.00	0.00
107	183	290	-6.2	-4.5-2071.97	-3.63	1.71	-3.33-2077.22	178.77	0.00	0.00	0.00
107	184	291	-6.3	-4.4-2076.41	-3.02	1.01	-3.29-2081.71	182.34	0.00	0.00	0.00
107	185	292	-6.5	-4.3-2080.77	-2.46	1.70	-3.26-2084.78	187.35	0.00	0.00	0.00
107	186	293	-6.6	-4.2-2085.03	-1.85	1.01	-3.22-2089.09	191.10	0.00	0.00	0.00
107	187	294	-6.8	-4.1-2089.21	-1.50	1.70	-3.19-2092.20	196.07	0.00	0.00	0.00
107	188	295	-7.0	-4.0-2093.31	-0.82	1.01	-3.16-2096.27	200.07	0.00	0.00	0.00
107	189	296	-7.1	-4.0-2097.31	-0.63	1.70	-3.12-2099.37	205.04	0.00	0.00	0.00
107	190	297	-7.3	-3.9-2101.24	0.21	1.01	-3.09-2103.11	209.38	0.00	0.00	0.00
107	191	298	-7.4	-3.8-2105.07	-0.13	1.70	-3.06-2106.57	213.99	0.00	0.00	0.00
107	192	299	-7.6	-3.7-2108.83	-0.21	1.01	-3.03-2111.06	217.57	0.00	0.00	0.00
107	193	300	-7.7	-3.6-2112.50	-0.55	1.69	-3.00-2114.36	222.34	0.00	0.00	0.00
107	194	301	-7.9	-3.5-2116.10	-0.58	1.01	-2.97-2118.64	226.13	0.00	0.00	0.00
107	195	302	-8.0	-3.5-2119.61	-0.98	1.69	-2.94-2121.84	231.00	0.00	0.00	0.00
107	196	303	-8.2	-3.4-2123.04	-1.09	1.01	-2.91-2126.04	234.88	0.00	0.00	0.00
107	197	304	-8.3	-3.3-2126.40	-1.55	1.69	-2.88-2129.14	239.84	0.00	0.00	0.00
107	198	305	-8.5	-3.2-2129.68	-1.77	1.01	-2.86-2133.29	243.76	0.00	0.00	0.00
107	199	306	-8.6	-3.2-2132.88	-2.28	1.69	-2.83-2136.30	248.83	0.00	0.00	0.00
107	200	307	-8.8	-3.1-2136.00	-2.51	1.01	-2.80-2140.30	252.90	0.00	0.00	0.00
107	201	308	-8.9	-3.0-2139.05	-2.99	1.69	-2.78-2143.13	258.14	0.00	0.00	0.00
107	202	309	-9.1	-2.9-2142.02	-3.08	1.01	-2.75-2146.84	262.50	0.00	0.00	0.00
107	203	310	-9.2	-2.9-2144.93	-3.30	1.68	-2.72-2149.27	268.15	0.00	0.00	0.00
107	204	311	-9.4	-2.8-2147.75	-3.24	1.01	-2.70-2152.68	272.80	0.00	0.00	0.00
107	205	312	-9.5	-2.7-2150.51	-3.43	1.68	-2.67-2154.93	278.62	0.00	0.00	0.00
107	206	313	-9.6	-2.6-2153.20	-3.27	1.01	-2.65-2158.10	283.52	0.00	0.00	0.00
107	207	314	-9.8	-2.6-2155.81	-3.51	1.68	-2.62-2160.27	289.43	0.00	0.00	0.00
107	208	315	-9.9	-2.5-2158.36	-3.43	1.01	-2.60-2163.38	294.39	0.00	0.00	0.00
107	209	316	-10.1	-2.4-2160.83	-3.79	1.68	-2.58-2165.52	300.32	0.00	0.00	0.00
107	210	317	-10.2	-2.4-2163.24	-3.80	1.01	-2.55-2168.58	305.33	0.00	0.00	0.00
107	211	318	-10.3	-2.3-2165.58	-4.25	1.68	-2.53-2170.69	311.30	0.00	0.00	0.00
107	212	319	-10.5	-2.2-2167.85	-4.26	1.01	-2.51-2173.61	316.44	0.00	0.00	0.00
107	213	320	-10.6	-2.2-2170.06	-4.61	1.67	-2.49-2175.48	322.64	0.00	0.00	0.00
107	214	321	-10.7	-2.1-2172.20	-4.45	1.01	-2.47-2178.11	328.09	0.00	0.00	0.00
107	215	322	-10.9	-2.0-2174.28	-4.62	1.67	-2.44-2179.67	334.60	0.00	0.00	0.00
107	216	323	-11.0	-2.0-2176.29	-4.57	1.01	-2.42-2182.28	340.06	0.00	0.00	0.00
107	217	324	-11.1	-1.9-2178.24	-4.72	1.67	-2.40-2183.70	346.72	0.00	0.00	0.00
107	218	325	-11.3	-1.9-2180.13	-4.77	1.01	-2.38-2186.27	352.21	0.00	0.00	0.00
107	219	326	-11.4	-1.8-2181.96	-5.60	1.67	-2.36-2188.25	358.30	0.00	0.00	0.00
107	220	327	-11.5	-1.7-2183.72	-5.56	1.01	-2.34-2190.61	364.01	0.00	0.00	0.00
107	221	328	-11.7	-1.7-2185.42	-5.97	1.67	-2.32-2192.05	370.65	0.00	0.00	0.00
107	222	329	-11.8	-1.6-2187.07	-5.70	1.01	-2.30-2194.06	376.71	0.00	0.00	0.00
107	223	330	-11.9	-1.6-2188.65	-6.01	1.66	-2.28-2195.28	383.56	0.00	0.00	0.00
107	224	331	-12.0	-1.5-2190.18	-5.83	1.01	-2.27-2197.26	389.65	0.00	0.00	0.00
107	225	332	-12.2	-1.4-2191.65	-6.09	1.66	-2.25-2198.32	396.66	0.00	0.00	0.00
107	226	333	-12.3	-1.4-2193.06	-3.36	1.01	-2.23-2197.63	405.42	0.00	0.00	0.00
107	227	334	-12.4	-1.3-2194.41	-4.41	1.66	-2.21-2199.37	411.76	0.00	0.00	0.00
107	228	335	-12.5	-1.3-2195.71	-5.17	1.01	-2.19-2202.06	417.14	0.00	0.00	0.00
107	229	336	-12.7	-1.2-2196.95	-5.47	1.66	-2.18-2202.93	424.33	0.00	0.00	0.00
107	230	337	-12.8	-1.2-2198.14	-5.37	1.01	-2.16-2204.65	430.69	0.00	0.00	0.00
107	231	338	-12.9	-1.1-2199.27	-5.55	1.66	-2.14-2205.30	438.11	0.00	0.00	0.00
107	232	339	-13.0	-1.0-2200.35	-5.11	1.01	-2.13-2206.57	444.91	0.00	0.00	0.00
108	142	250	1.7	-9.4-1797.50	-1.01	0.00	-5.65-1804.16	128.16	0.00	0.00	0.00
108	143	251	1.5	-9.2-1806.82	-1.33	0.92	-5.57-1812.80	127.59	0.00	0.00	0.00
108	144	252	1.3	-9.1-1815.99	-1.58	0.00	-5.49-1823.06	125.40	0.00	0.00	0.00
108	145	253	1.1	-9.0-1825.02	-1.97	0.91	-5.41-1831.49	125.04	0.00	0.00	0.00
108	146	254	0.9	-8.8-1833.92	-2.37	0.00	-5.33-1841.62	122.98	0.00	0.00	0.00
108	147	255	0.7	-8.7-1842.67	-2.85	0.91	-5.26-1849.87	122.80	0.00	0.00	0.00
108	148	256	0.5	-8.5-1851.29	-3.20	0.00	-5.19-1859.68	121.07	0.00	0.00	0.00
108	149	257	0.3	-8.4-1859.78	-3.67	0.91	-5.12-1867.66	121.16	0.00	0.00	0.00
108	150	258	0.1	-8.3-1868.13	-4.12	0.00	-5.05-1877.30	119.60	0.00	0.00	0.00
108	151	259	-0.1	-8.2-1876.35	-4.62	0.90	-4.98-1885.04	119.92	0.00	0.00	0.00
108	152	260	-0.3	-8.0-1884.44	-4.80	0.00	-4.91-1894.15	118.89	0.00	0.00	0.00
108	153	261	-0.5	-7.9-1892.40	-4.96	0.90	-4.85-1901.31	119.80	0.00	0.00	0.00
108	154	262	-0.7	-7.8-1900.23	-4.91	0.00	-4.78-1909.92	119.26	0.00	0.00	0.00
108	155	263	-0.9	-7.6-1907.94	-5.07	0.89	-4.72-1916.83	120.42	0.00	0.00	0.00

108	156	264	-1.0	-7.5-1915.52	-4.86	0.00	-4.66-1925.04	120.28	0.00	0.00	0.00
108	157	265	-1.2	-7.4-1922.98	-5.21	0.89	-4.60-1931.90	121.49	0.00	0.00	0.00
108	158	266	-1.4	-7.3-1930.32	-5.27	0.00	-4.54-1940.13	121.34	0.00	0.00	0.00
108	159	267	-1.6	-7.2-1937.54	-5.75	0.89	-4.48-1946.88	122.65	0.00	0.00	0.00
108	160	268	-1.8	-7.0-1944.63	-5.95	0.00	-4.43-1955.01	122.60	0.00	0.00	0.00
108	161	269	-2.0	-6.9-1951.61	-6.38	0.88	-4.37-1961.48	124.19	0.00	0.00	0.00
108	162	270	-2.1	-6.8-1958.48	-6.54	0.00	-4.32-1969.34	124.41	0.00	0.00	0.00
108	163	271	-2.3	-6.7-1965.23	-6.64	0.88	-4.26-1975.26	126.57	0.00	0.00	0.00
108	164	272	-2.5	-6.6-1971.87	-6.23	0.00	-4.21-1982.31	127.58	0.00	0.00	0.00
108	165	273	-2.7	-6.5-1978.39	-5.93	0.88	-4.16-1987.61	130.36	0.00	0.00	0.00
108	166	274	-2.9	-6.4-1984.80	-5.31	0.00	-4.11-1994.22	131.81	0.00	0.00	0.00
108	167	275	-3.0	-6.2-1991.10	-4.90	0.87	-4.06-1999.19	134.91	0.00	0.00	0.00
108	168	276	-3.2	-6.1-1997.30	-4.24	0.00	-4.01-2005.55	136.63	0.00	0.00	0.00
108	169	277	-3.4	-6.0-2003.38	-4.32	0.87	-3.97-2010.80	139.45	0.00	0.00	0.00
108	170	278	-3.6	-5.9-2009.36	-3.68	0.00	-3.92-2016.96	141.36	0.00	0.00	0.00
108	171	279	-3.7	-5.8-2015.24	-4.11	0.86	-3.87-2022.36	144.04	0.00	0.00	0.00
108	172	280	-3.9	-5.7-2021.01	-4.20	0.00	-3.83-2029.04	145.43	0.00	0.00	0.00
108	173	281	-4.1	-5.6-2026.68	-4.64	0.86	-3.79-2034.24	148.30	0.00	0.00	0.00
108	174	282	-4.3	-5.5-2032.24	-4.59	0.00	-3.74-2040.57	150.03	0.00	0.00	0.00
108	175	283	-4.4	-5.4-2037.71	-4.97	0.86	-3.70-2045.52	153.16	0.00	0.00	0.00
108	176	284	-4.6	-5.3-2043.07	-4.72	0.00	-3.66-2051.45	155.30	0.00	0.00	0.00
108	177	285	-4.8	-5.2-2048.34	-4.79	0.85	-3.62-2055.89	158.93	0.00	0.00	0.00
108	178	286	-4.9	-5.1-2053.51	-4.44	0.00	-3.58-2061.52	161.37	0.00	0.00	0.00
108	179	287	-5.1	-5.0-2058.58	-4.77	0.85	-3.54-2066.04	164.93	0.00	0.00	0.00
108	180	288	-5.3	-4.9-2063.56	-4.47	0.00	-3.50-2071.53	167.51	0.00	0.00	0.00
108	181	289	-5.4	-4.8-2068.44	-4.66	0.85	-3.46-2075.71	171.39	0.00	0.00	0.00
108	182	290	-5.6	-4.7-2073.23	-4.21	0.00	-3.42-2080.86	174.31	0.00	0.00	0.00
108	183	291	-5.8	-4.6-2077.93	-4.22	0.85	-3.39-2084.69	178.56	0.00	0.00	0.00
108	184	292	-5.9	-4.6-2082.53	-3.59	0.00	-3.35-2089.48	181.84	0.00	0.00	0.00
108	185	293	-6.1	-4.5-2087.05	-2.81	0.84	-3.32-2092.33	187.06	0.00	0.00	0.00
108	186	294	-6.2	-4.4-2091.48	-2.13	0.00	-3.28-2096.89	190.58	0.00	0.00	0.00
108	187	295	-6.4	-4.3-2095.81	-1.67	0.84	-3.25-2099.89	195.64	0.00	0.00	0.00
108	188	296	-6.6	-4.2-2100.07	-0.94	0.00	-3.21-2104.22	199.39	0.00	0.00	0.00
108	189	297	-6.7	-4.1-2104.23	-0.67	0.84	-3.18-2107.24	204.43	0.00	0.00	0.00
108	190	298	-6.9	-4.0-2108.31	1.49	0.00	-3.15-2109.97	209.78	0.00	0.00	0.00
108	191	299	-7.0	-3.9-2112.30	0.11	0.83	-3.12-2114.47	213.35	0.00	0.00	0.00
108	192	300	-7.2	-3.9-2116.21	0.08	0.00	-3.09-2119.22	216.68	0.00	0.00	0.00
108	193	301	-7.3	-3.8-2120.04	-0.23	0.83	-3.05-2122.49	221.47	0.00	0.00	0.00
108	194	302	-7.5	-3.7-2123.79	-0.33	0.00	-3.02-2127.14	224.90	0.00	0.00	0.00
108	195	303	-7.6	-3.6-2127.45	-0.71	0.83	-2.99-2130.33	229.78	0.00	0.00	0.00
108	196	304	-7.8	-3.5-2131.03	-0.82	0.00	-2.96-2134.82	233.36	0.00	0.00	0.00
108	197	305	-7.9	-3.5-2134.54	-1.28	0.82	-2.94-2137.93	238.32	0.00	0.00	0.00
108	198	306	-8.1	-3.4-2137.97	-1.48	0.00	-2.91-2142.35	241.97	0.00	0.00	0.00
108	199	307	-8.2	-3.3-2141.31	-1.98	0.82	-2.88-2145.35	247.04	0.00	0.00	0.00
108	200	308	-8.4	-3.2-2144.58	-2.18	0.00	-2.85-2149.62	250.85	0.00	0.00	0.00
108	201	309	-8.5	-3.2-2147.78	-2.64	0.82	-2.82-2152.43	256.11	0.00	0.00	0.00
108	202	310	-8.7	-3.1-2150.90	-2.72	0.00	-2.80-2156.42	260.19	0.00	0.00	0.00
108	203	311	-8.8	-3.0-2153.95	-2.94	0.82	-2.77-2158.84	265.84	0.00	0.00	0.00
108	204	312	-9.0	-2.9-2156.92	-2.88	0.00	-2.75-2162.54	270.20	0.00	0.00	0.00
108	205	313	-9.1	-2.9-2159.82	-3.07	0.81	-2.72-2164.80	276.03	0.00	0.00	0.00
108	206	314	-9.3	-2.8-2162.64	-2.90	0.00	-2.70-2168.24	280.65	0.00	0.00	0.00
108	207	315	-9.4	-2.7-2165.40	-3.16	0.81	-2.67-2170.42	286.54	0.00	0.00	0.00
108	208	316	-9.5	-2.6-2168.09	-3.08	0.00	-2.65-2173.81	291.22	0.00	0.00	0.00
108	209	317	-9.7	-2.6-2170.70	-3.46	0.81	-2.62-2175.98	297.13	0.00	0.00	0.00
108	210	318	-9.8	-2.5-2173.25	-3.49	0.00	-2.60-2179.34	301.84	0.00	0.00	0.00
108	211	319	-10.0	-2.4-2175.72	-3.93	0.81	-2.58-2181.43	307.82	0.00	0.00	0.00
108	212	320	-10.1	-2.4-2178.13	-3.94	0.00	-2.55-2184.63	312.69	0.00	0.00	0.00
108	213	321	-10.2	-2.3-2180.48	-4.30	0.80	-2.53-2186.51	318.89	0.00	0.00	0.00
108	214	322	-10.4	-2.2-2182.76	-4.12	0.00	-2.51-2189.39	324.08	0.00	0.00	0.00
108	215	323	-10.5	-2.2-2184.97	-4.28	0.80	-2.49-2190.93	330.60	0.00	0.00	0.00
108	216	324	-10.6	-2.1-2187.11	-3.99	0.00	-2.47-2193.57	336.04	0.00	0.00	0.00
108	217	325	-10.8	-2.0-2189.20	-4.36	0.80	-2.44-2195.20	342.48	0.00	0.00	0.00
108	218	326	-10.9	-2.0-2191.21	-4.33	0.00	-2.42-2197.97	347.78	0.00	0.00	0.00
108	219	327	-11.0	-1.9-2193.17	-5.21	0.80	-2.40-2199.99	353.83	0.00	0.00	0.00
108	220	328	-11.2	-1.9-2195.07	-2.14	0.00	-2.38-2199.59	362.30	0.00	0.00	0.00
108	221	329	-11.3	-1.8-2196.90	-2.40	0.79	-2.36-2200.87	369.10	0.00	0.00	0.00

108	222	330-11.4	-1.7-2198.67	-2.59	0.00	-2.34-2203.60	374.43	0.00	0.00	0.00
108	223	331-11.5	-1.7-2200.38	-3.13	0.79	-2.32-2205.04	381.06	0.00	0.00	0.00
108	224	332-11.7	-1.6-2202.03	-5.46	0.00	-2.31-2209.80	384.38	0.00	0.00	0.00
108	225	333-11.8	-1.6-2203.63	-3.23	0.79	-2.29-2208.35	393.90	0.00	0.00	0.00
108	226	334-11.9	-1.5-2205.16	-3.96	0.00	-2.27-2211.39	398.93	0.00	0.00	0.00
108	227	335-12.0	-1.4-2206.64	-5.01	0.79	-2.25-2213.11	405.28	0.00	0.00	0.00
108	228	336-12.2	-1.4-2208.06	-5.79	0.00	-2.23-2216.08	410.38	0.00	0.00	0.00
108	229	337-12.3	-1.3-2209.43	-6.08	0.78	-2.21-2216.93	417.60	0.00	0.00	0.00
108	230	338-12.4	-1.3-2210.73	-5.95	0.00	-2.20-2218.88	423.73	0.00	0.00	0.00
108	231	339-12.5	-1.2-2211.99	-6.11	0.78	-2.18-2219.49	431.19	0.00	0.00	0.00
109	144	253	1.7	-9.3-1814.52	-1.56	1.00	-5.59-1820.67	135.06	0.00	0.00
109	145	254	1.5	-9.2-1823.75	-1.96	1.75	-5.51-1829.47	134.33	0.00	0.00
109	146	255	1.3	-9.0-1832.84	-2.24	1.00	-5.44-1839.51	132.36	0.00	0.00
109	147	256	1.1	-8.9-1841.79	-2.68	1.75	-5.36-1848.08	131.86	0.00	0.00
109	148	257	0.9	-8.7-1850.61	-3.17	1.00	-5.29-1858.06	129.96	0.00	0.00
109	149	258	0.7	-8.6-1859.29	-3.63	1.75	-5.21-1866.38	129.70	0.00	0.00
109	150	259	0.5	-8.5-1867.83	-4.09	1.00	-5.14-1876.06	128.10	0.00	0.00
109	151	260	0.3	-8.3-1876.24	-4.58	1.74	-5.07-1884.15	128.08	0.00	0.00
109	152	261	0.1	-8.2-1884.52	-4.78	1.00	-5.01-1893.31	127.00	0.00	0.00
109	153	262	-0.1	-8.1-1892.68	-4.77	1.74	-4.94-1900.64	127.73	0.00	0.00
109	154	263	-0.3	-8.0-1900.70	-4.80	1.00	-4.87-1909.37	127.08	0.00	0.00
109	155	264	-0.5	-7.8-1908.60	-5.04	1.74	-4.81-1916.71	127.81	0.00	0.00
109	156	265	-0.6	-7.7-1916.37	-5.04	1.00	-4.75-1925.15	127.44	0.00	0.00
109	157	266	-0.8	-7.6-1924.01	-5.39	1.74	-4.69-1932.35	128.30	0.00	0.00
109	158	267	-1.0	-7.5-1931.54	-5.41	1.00	-4.63-1940.57	128.16	0.00	0.00
109	159	268	-1.2	-7.3-1938.94	-5.93	1.73	-4.57-1947.71	129.09	0.00	0.00
109	160	269	-1.4	-7.2-1946.22	-6.25	1.00	-4.51-1955.98	128.89	0.00	0.00
109	161	270	-1.6	-7.1-1953.39	-6.65	1.73	-4.45-1962.76	130.18	0.00	0.00
109	162	271	-1.8	-7.0-1960.44	-6.92	1.00	-4.40-1970.75	130.27	0.00	0.00
109	163	272	-1.9	-6.9-1967.37	-7.06	1.73	-4.34-1977.04	132.04	0.00	0.00
109	164	273	-2.1	-6.8-1974.18	-6.67	1.00	-4.29-1984.14	133.02	0.00	0.00
109	165	274	-2.3	-6.6-1980.89	-6.36	1.72	-4.24-1989.76	135.47	0.00	0.00
109	166	275	-2.5	-6.5-1987.48	-5.78	1.00	-4.19-1996.44	136.86	0.00	0.00
109	167	276	-2.7	-6.4-1993.96	-5.46	1.72	-4.14-2001.83	139.54	0.00	0.00
109	168	277	-2.8	-6.3-2000.33	-4.81	1.00	-4.09-2008.22	141.22	0.00	0.00
109	169	278	-3.0	-6.2-2006.59	-4.82	1.72	-4.04-2013.73	143.79	0.00	0.00
109	170	279	-3.2	-6.1-2012.74	-4.31	1.00	-3.99-2020.04	145.55	0.00	0.00
109	171	280	-3.4	-6.0-2018.79	-4.77	1.72	-3.95-2025.79	147.87	0.00	0.00
109	172	281	-3.5	-5.9-2024.74	-4.78	1.00	-3.90-2032.41	149.32	0.00	0.00
109	173	282	-3.7	-5.8-2030.57	-5.18	1.71	-3.86-2037.90	151.90	0.00	0.00
109	174	283	-3.9	-5.7-2036.31	-5.20	1.00	-3.81-2044.32	153.55	0.00	0.00
109	175	284	-4.0	-5.6-2041.95	-5.55	1.71	-3.77-2049.55	156.39	0.00	0.00
109	176	285	-4.2	-5.5-2047.48	-5.23	1.00	-3.73-2055.43	158.58	0.00	0.00
109	177	286	-4.4	-5.4-2052.91	-5.27	1.71	-3.68-2060.16	161.93	0.00	0.00
109	178	287	-4.5	-5.3-2058.25	-5.07	1.00	-3.64-2065.96	164.20	0.00	0.00
109	179	288	-4.7	-5.2-2063.49	-5.46	1.71	-3.60-2070.85	167.38	0.00	0.00
109	180	289	-4.9	-5.1-2068.63	-5.12	1.00	-3.56-2076.31	169.99	0.00	0.00
109	181	290	-5.0	-5.0-2073.68	-5.32	1.70	-3.52-2080.82	173.55	0.00	0.00
109	182	291	-5.2	-4.9-2078.64	-4.86	1.00	-3.49-2085.98	176.47	0.00	0.00
109	183	292	-5.4	-4.8-2083.50	-4.86	1.70	-3.45-2090.10	180.41	0.00	0.00
109	184	293	-5.5	-4.7-2088.26	-4.23	1.00	-3.41-2094.90	183.69	0.00	0.00
109	185	294	-5.7	-4.6-2092.94	-3.39	1.70	-3.38-2098.01	188.65	0.00	0.00
109	186	295	-5.9	-4.5-2097.53	-2.70	1.00	-3.34-2102.56	192.17	0.00	0.00
109	187	296	-6.0	-4.4-2102.02	-2.15	1.70	-3.31-2105.79	197.02	0.00	0.00
109	188	297	-6.2	-4.4-2106.43	-1.39	1.00	-3.27-2110.09	200.78	0.00	0.00
109	189	298	-6.3	-4.3-2110.75	0.19	1.69	-3.24-2112.11	206.84	0.00	0.00
109	190	299	-6.5	-4.2-2114.99	-0.41	1.00	-3.21-2117.60	209.42	0.00	0.00
109	191	300	-6.6	-4.1-2119.14	-0.21	1.69	-3.17-2120.83	214.26	0.00	0.00
109	192	301	-6.8	-4.0-2123.20	-0.02	1.00	-3.14-2125.36	217.80	0.00	0.00
109	193	302	-6.9	-3.9-2127.19	-0.32	1.69	-3.11-2128.93	222.30	0.00	0.00
109	194	303	-7.1	-3.9-2131.08	-0.39	1.00	-3.08-2133.55	225.76	0.00	0.00
109	195	304	-7.3	-3.8-2134.90	-0.76	1.69	-3.05-2137.02	230.35	0.00	0.00
109	196	305	-7.4	-3.7-2138.63	-0.86	1.00	-3.02-2141.51	233.94	0.00	0.00
109	197	306	-7.6	-3.6-2142.29	-1.27	1.68	-2.99-2144.86	238.65	0.00	0.00
109	198	307	-7.7	-3.5-2145.87	-1.48	1.00	-2.96-2149.30	242.29	0.00	0.00
109	199	308	-7.9	-3.5-2149.36	-1.96	1.68	-2.93-2152.57	247.09	0.00	0.00

109	200	309	-8.0	-3.4	-2152.78	-2.11	1.00	-2.90	-2156.79	250.94	0.00	0.00	0.00
109	201	310	-8.1	-3.3	-2156.12	-2.65	1.68	-2.88	-2159.97	255.83	0.00	0.00	0.00
109	202	311	-8.3	-3.2	-2159.39	-2.61	1.00	-2.85	-2163.84	260.03	0.00	0.00	0.00
109	203	312	-8.4	-3.1	-2162.58	-2.82	1.68	-2.82	-2166.54	265.40	0.00	0.00	0.00
109	204	313	-8.6	-3.1	-2165.70	-2.75	1.00	-2.79	-2170.24	269.78	0.00	0.00	0.00
109	205	314	-8.7	-3.0	-2168.74	-2.96	1.68	-2.77	-2172.79	275.29	0.00	0.00	0.00
109	206	315	-8.9	-2.9	-2171.71	-2.83	1.00	-2.74	-2176.28	279.88	0.00	0.00	0.00
109	207	316	-9.0	-2.9	-2174.61	-3.10	1.67	-2.72	-2178.75	285.48	0.00	0.00	0.00
109	208	317	-9.2	-2.8	-2177.43	-3.04	1.00	-2.69	-2182.16	290.14	0.00	0.00	0.00
109	209	318	-9.3	-2.7	-2180.19	-3.45	1.67	-2.67	-2184.63	295.74	0.00	0.00	0.00
109	210	319	-9.4	-2.6	-2182.87	-3.48	1.00	-2.65	-2187.99	300.45	0.00	0.00	0.00
109	211	320	-9.6	-2.6	-2185.49	-3.92	1.67	-2.62	-2190.36	306.16	0.00	0.00	0.00
109	212	321	-9.7	-2.5	-2188.04	-3.93	1.00	-2.60	-2193.56	311.03	0.00	0.00	0.00
109	213	322	-9.8	-2.4	-2190.52	-4.27	1.67	-2.58	-2195.69	316.97	0.00	0.00	0.00
109	214	323	-10.0	-2.4	-2192.93	-4.07	1.00	-2.55	-2198.55	322.18	0.00	0.00	0.00
109	215	324	-10.1	-2.3	-2195.27	-4.24	1.67	-2.53	-2200.38	328.42	0.00	0.00	0.00
109	216	325	-10.2	-2.2	-2197.56	-4.14	1.00	-2.51	-2203.20	333.67	0.00	0.00	0.00
109	217	326	-10.4	-2.2	-2199.77	-4.51	1.66	-2.49	-2205.10	339.84	0.00	0.00	0.00
109	218	327	-10.5	-2.1	-2201.92	-4.46	1.00	-2.47	-2207.84	345.17	0.00	0.00	0.00
109	219	328	-10.6	-2.1	-2204.01	-2.43	1.66	-2.45	-2207.22	353.86	0.00	0.00	0.00
109	220	329	-10.8	-2.0	-2206.03	-2.35	1.00	-2.42	-2209.80	359.35	0.00	0.00	0.00
109	221	330	-10.9	-1.9	-2208.00	-2.59	1.66	-2.40	-2211.33	365.90	0.00	0.00	0.00
109	222	331	-11.0	-1.9	-2209.90	-2.78	1.00	-2.38	-2214.06	371.24	0.00	0.00	0.00
109	223	332	-11.2	-1.8	-2211.74	-3.28	1.66	-2.36	-2215.72	377.65	0.00	0.00	0.00
109	224	333	-11.3	-1.7	-2213.52	-3.47	1.00	-2.34	-2218.33	383.12	0.00	0.00	0.00
109	225	334	-11.4	-1.7	-2215.24	-3.95	1.66	-2.33	-2219.86	389.66	0.00	0.00	0.00
109	226	335	-11.5	-1.6	-2216.90	-4.73	1.00	-2.31	-2222.93	394.66	0.00	0.00	0.00
109	227	336	-11.7	-1.6	-2218.50	-5.79	1.66	-2.29	-2224.92	400.74	0.00	0.00	0.00
109	228	337	-11.8	-1.5	-2220.05	-6.58	1.00	-2.27	-2227.89	405.84	0.00	0.00	0.00
109	229	338	-11.9	-1.5	-2221.53	-6.85	1.65	-2.25	-2228.98	412.82	0.00	0.00	0.00
109	230	339	-12.0	-1.4	-2222.96	-6.70	1.00	-2.23	-2230.89	418.98	0.00	0.00	0.00
110	146	256	1.7	-9.2	-1831.37	-1.84	0.00	-5.54	-1838.75	140.39	0.00	0.00	0.00
110	147	257	1.5	-9.1	-1840.52	-2.27	0.91	-5.46	-1847.34	139.87	0.00	0.00	0.00
110	148	258	1.3	-8.9	-1849.53	-2.64	0.00	-5.39	-1857.56	137.72	0.00	0.00	0.00
110	149	259	1.1	-8.8	-1858.41	-3.15	0.91	-5.31	-1865.96	137.39	0.00	0.00	0.00
110	150	260	0.9	-8.7	-1867.14	-3.48	0.00	-5.24	-1875.86	135.56	0.00	0.00	0.00
110	151	261	0.7	-8.5	-1875.75	-3.94	0.90	-5.17	-1883.96	135.54	0.00	0.00	0.00
110	152	262	0.5	-8.4	-1884.22	-4.12	0.00	-5.10	-1893.44	134.13	0.00	0.00	0.00
110	153	263	0.3	-8.3	-1892.56	-4.29	0.90	-5.03	-1900.99	134.65	0.00	0.00	0.00
110	154	264	0.1	-8.1	-1900.78	-4.35	0.00	-4.97	-1910.09	133.62	0.00	0.00	0.00
110	155	265	-0.1	-8.0	-1908.86	-4.59	0.89	-4.90	-1917.46	134.32	0.00	0.00	0.00
110	156	266	-0.3	-7.9	-1916.82	-4.53	0.00	-4.84	-1926.19	133.67	0.00	0.00	0.00
110	157	267	-0.4	-7.8	-1924.65	-4.93	0.89	-4.77	-1933.47	134.45	0.00	0.00	0.00
110	158	268	-0.6	-7.6	-1932.36	-5.07	0.00	-4.71	-1942.15	133.85	0.00	0.00	0.00
110	159	269	-0.8	-7.5	-1939.95	-5.60	0.89	-4.65	-1949.32	134.75	0.00	0.00	0.00
110	160	270	-1.0	-7.4	-1947.42	-5.85	0.00	-4.59	-1957.86	134.27	0.00	0.00	0.00
110	161	271	-1.2	-7.3	-1954.77	-6.34	0.88	-4.54	-1964.76	135.45	0.00	0.00	0.00
110	162	272	-1.4	-7.2	-1962.00	-6.55	0.00	-4.48	-1973.03	135.25	0.00	0.00	0.00
110	163	273	-1.5	-7.1	-1969.11	-6.79	0.88	-4.42	-1979.45	136.91	0.00	0.00	0.00
110	164	274	-1.7	-6.9	-1976.11	-6.40	0.00	-4.37	-1986.88	137.55	0.00	0.00	0.00
110	165	275	-1.9	-6.8	-1982.99	-6.15	0.88	-4.32	-1992.58	139.91	0.00	0.00	0.00
110	166	276	-2.1	-6.7	-1989.76	-5.61	0.00	-4.26	-1999.63	140.93	0.00	0.00	0.00
110	167	277	-2.3	-6.6	-1996.42	-5.21	0.87	-4.21	-2004.97	143.67	0.00	0.00	0.00
110	168	278	-2.4	-6.5	-2002.96	-4.74	0.00	-4.16	-2011.87	144.84	0.00	0.00	0.00
110	169	279	-2.6	-6.4	-2009.40	-4.91	0.87	-4.11	-2017.56	147.22	0.00	0.00	0.00
110	170	280	-2.8	-6.3	-2015.73	-4.76	0.00	-4.07	-2024.56	148.30	0.00	0.00	0.00
110	171	281	-3.0	-6.2	-2021.95	-5.20	0.86	-4.02	-2030.31	150.62	0.00	0.00	0.00
110	172	282	-3.1	-6.1	-2028.07	-5.22	0.00	-3.97	-2037.26	151.73	0.00	0.00	0.00
110	173	283	-3.3	-6.0	-2034.08	-5.65	0.86	-3.93	-2042.80	154.27	0.00	0.00	0.00
110	174	284	-3.5	-5.9	-2039.99	-5.65	0.00	-3.88	-2049.52	155.62	0.00	0.00	0.00
110	175	285	-3.6	-5.7	-2045.79	-6.01	0.86	-3.84	-2054.78	158.43	0.00	0.00	0.00
110	176	286	-3.8	-5.6	-2051.50	-5.73	0.00	-3.79	-2061.02	160.26	0.00	0.00	0.00
110	177	287	-4.0	-5.5	-2057.10	-5.74	0.85	-3.75	-2065.74	163.62	0.00	0.00	0.00
110	178	288	-4.2	-5.5	-2062.60	-5.83	0.00	-3.71	-2072.14	165.28	0.00	0.00	0.00
110	179	289	-4.3	-5.4	-2068.01	-6.16	0.85	-3.67	-2076.99	168.51	0.00	0.00	0.00
110	180	290	-4.5	-5.3	-2073.32	-5.83	0.00	-3.63	-2082.78	170.79	0.00	0.00	0.00

110	181	291	-4.7	-5.2-2078.53	-6.01	0.85	-3.59-2087.28	174.36	0.00	0.00	0.00
110	182	292	-4.8	-5.1-2083.65	-5.54	0.00	-3.55-2092.74	176.97	0.00	0.00	0.00
110	183	293	-5.0	-5.0-2088.67	-5.52	0.85	-3.51-2096.86	180.92	0.00	0.00	0.00
110	184	294	-5.1	-4.9-2093.60	-4.88	0.00	-3.47-2101.95	183.90	0.00	0.00	0.00
110	185	295	-5.3	-4.8-2098.44	-3.89	0.84	-3.44-2104.93	189.00	0.00	0.00	0.00
110	186	296	-5.5	-4.7-2103.19	-3.29	0.00	-3.40-2109.88	192.12	0.00	0.00	0.00
110	187	297	-5.6	-4.6-2107.84	-2.44	0.84	-3.37-2112.81	197.26	0.00	0.00	0.00
110	188	298	-5.8	-4.5-2112.41	-1.44	0.00	-3.33-2117.18	200.96	0.00	0.00	0.00
110	189	299	-5.9	-4.4-2116.89	-1.14	0.84	-3.30-2120.49	205.72	0.00	0.00	0.00
110	190	300	-6.1	-4.3-2121.28	0.23	0.00	-3.26-2124.31	209.97	0.00	0.00	0.00
110	191	301	-6.3	-4.3-2125.59	-0.13	0.83	-3.23-2128.11	214.24	0.00	0.00	0.00
110	192	302	-6.4	-4.2-2129.81	0.41	0.00	-3.20-2132.59	217.83	0.00	0.00	0.00
110	193	303	-6.6	-4.1-2133.94	-0.11	0.83	-3.16-2136.38	222.11	0.00	0.00	0.00
110	194	304	-6.7	-4.0-2137.99	-0.11	0.00	-3.13-2141.24	225.33	0.00	0.00	0.00
110	195	305	-6.9	-3.9-2141.96	-0.46	0.83	-3.10-2144.70	229.94	0.00	0.00	0.00
110	196	306	-7.0	-3.8-2145.85	-0.54	0.00	-3.07-2149.46	233.25	0.00	0.00	0.00
110	197	307	-7.2	-3.8-2149.65	-0.97	0.82	-3.04-2152.84	237.94	0.00	0.00	0.00
110	198	308	-7.3	-3.7-2153.38	-1.13	0.00	-3.01-2157.52	241.33	0.00	0.00	0.00
110	199	309	-7.5	-3.6-2157.02	-1.64	0.82	-2.98-2160.82	246.10	0.00	0.00	0.00
110	200	310	-7.6	-3.5-2160.59	-1.83	0.00	-2.95-2165.38	249.62	0.00	0.00	0.00
110	201	311	-7.8	-3.4-2164.08	-2.27	0.82	-2.93-2168.46	254.61	0.00	0.00	0.00
110	202	312	-7.9	-3.4-2167.49	-2.23	0.00	-2.90-2172.62	258.52	0.00	0.00	0.00
110	203	313	-8.1	-3.3-2170.83	-2.45	0.82	-2.87-2175.33	263.88	0.00	0.00	0.00
110	204	314	-8.2	-3.2-2174.09	-2.36	0.00	-2.84-2179.29	267.99	0.00	0.00	0.00
110	205	315	-8.3	-3.1-2177.28	-2.55	0.81	-2.82-2181.83	273.52	0.00	0.00	0.00
110	206	316	-8.5	-3.1-2180.39	-2.40	0.00	-2.79-2185.58	277.84	0.00	0.00	0.00
110	207	317	-8.6	-3.0-2183.43	-2.65	0.81	-2.77-2188.03	283.46	0.00	0.00	0.00
110	208	318	-8.8	-2.9-2186.40	-2.62	0.00	-2.74-2191.76	287.81	0.00	0.00	0.00
110	209	319	-8.9	-2.9-2189.29	-2.99	0.81	-2.72-2194.19	293.45	0.00	0.00	0.00
110	210	320	-9.1	-2.8-2192.12	-3.01	0.00	-2.69-2197.82	297.89	0.00	0.00	0.00
110	211	321	-9.2	-2.7-2194.87	-3.44	0.81	-2.67-2200.17	303.61	0.00	0.00	0.00
110	212	322	-9.3	-2.6-2197.56	-3.42	0.00	-2.64-2203.62	308.23	0.00	0.00	0.00
110	213	323	-9.5	-2.6-2200.17	-3.75	0.80	-2.62-2205.74	314.18	0.00	0.00	0.00
110	214	324	-9.6	-2.5-2202.72	-3.56	0.00	-2.60-2208.88	319.12	0.00	0.00	0.00
110	215	325	-9.7	-2.4-2205.20	-3.72	0.80	-2.57-2210.70	325.37	0.00	0.00	0.00
110	216	326	-9.9	-2.4-2207.62	-3.69	0.00	-2.55-2213.86	330.28	0.00	0.00	0.00
110	217	327	-10.0	-2.3-2209.97	-3.96	0.80	-2.53-2215.66	336.55	0.00	0.00	0.00
110	218	328	-10.1	-2.2-2212.25	-2.22	0.00	-2.51-2216.98	343.30	0.00	0.00	0.00
110	219	329	-10.3	-2.2-2214.47	-2.42	0.80	-2.49-2218.58	349.77	0.00	0.00	0.00
110	220	330	-10.4	-2.1-2216.63	-2.43	0.00	-2.47-2221.52	354.90	0.00	0.00	0.00
110	221	331	-10.5	-2.1-2218.72	-2.98	0.79	-2.45-2223.35	361.14	0.00	0.00	0.00
110	222	332	-10.7	-2.0-2220.75	-3.17	0.00	-2.42-2226.35	366.22	0.00	0.00	0.00
110	223	333	-10.8	-1.9-2222.72	-3.65	0.79	-2.40-2227.98	372.65	0.00	0.00	0.00
110	224	334	-10.9	-1.9-2224.63	-3.68	0.00	-2.38-2230.69	378.02	0.00	0.00	0.00
110	225	335	-11.1	-1.8-2226.48	-4.50	0.79	-2.37-2232.55	384.23	0.00	0.00	0.00
110	226	336	-11.2	-1.8-2228.26	-5.37	0.00	-2.35-2235.98	388.87	0.00	0.00	0.00
110	227	337	-11.3	-1.7-2229.99	-6.44	0.79	-2.33-2237.97	394.95	0.00	0.00	0.00
110	228	338	-11.4	-1.6-2231.66	-7.24	0.00	-2.31-2241.21	399.79	0.00	0.00	0.00
110	229	339	-11.6	-1.6-2233.27	-7.50	0.78	-2.29-2242.28	406.79	0.00	0.00	0.00
111	148	259	1.7	-9.1-1848.07	-2.52	1.00	-5.49-1855.08	147.47	0.00	0.00	0.00
111	149	260	1.5	-9.0-1857.14	-2.95	1.74	-5.41-1863.76	146.86	0.00	0.00	0.00
111	150	261	1.3	-8.9-1866.07	-3.32	1.00	-5.34-1873.73	144.96	0.00	0.00	0.00
111	151	262	1.1	-8.7-1874.87	-3.78	1.74	-5.27-1882.17	144.59	0.00	0.00	0.00
111	152	263	0.9	-8.6-1883.53	-3.93	1.00	-5.20-1891.66	143.18	0.00	0.00	0.00
111	153	264	0.7	-8.5-1892.06	-4.09	1.74	-5.13-1899.54	143.36	0.00	0.00	0.00
111	154	265	0.5	-8.3-1900.46	-4.15	1.00	-5.06-1908.67	142.30	0.00	0.00	0.00
111	155	266	0.3	-8.2-1908.74	-4.41	1.73	-4.99-1916.41	142.64	0.00	0.00	0.00
111	156	267	0.1	-8.1-1916.88	-4.44	1.00	-4.93-1925.25	141.87	0.00	0.00	0.00
111	157	268	-0.1	-8.0-1924.91	-4.82	1.73	-4.86-1932.86	142.33	0.00	0.00	0.00
111	158	269	-0.2	-7.8-1932.80	-4.96	1.00	-4.80-1941.56	141.70	0.00	0.00	0.00
111	159	270	-0.4	-7.7-1940.58	-5.48	1.73	-4.74-1949.07	142.26	0.00	0.00	0.00
111	160	271	-0.6	-7.6-1948.23	-5.71	1.00	-4.68-1957.62	141.79	0.00	0.00	0.00
111	161	272	-0.8	-7.5-1955.76	-6.20	1.72	-4.62-1964.85	142.62	0.00	0.00	0.00
111	162	273	-1.0	-7.3-1963.17	-6.41	1.00	-4.56-1973.14	142.40	0.00	0.00	0.00
111	163	274	-1.2	-7.2-1970.46	-6.70	1.72	-4.51-1979.95	143.67	0.00	0.00	0.00
111	164	275	-1.3	-7.1-1977.64	-6.38	1.00	-4.45-1987.47	144.22	0.00	0.00	0.00

111	165	276	-1.5	-7.0-1984.70	-6.19	1.72	-4.40-1993.57	146.19	0.00	0.00	0.00
111	166	277	-1.7	-6.9-1991.65	-5.69	1.00	-4.34-2000.68	147.15	0.00	0.00	0.00
111	167	278	-1.9	-6.8-1998.49	-5.36	1.72	-4.29-2006.42	149.48	0.00	0.00	0.00
111	168	279	-2.0	-6.7-2005.21	-5.12	1.00	-4.24-2013.57	150.40	0.00	0.00	0.00
111	169	280	-2.2	-6.6-2011.82	-5.45	1.71	-4.19-2019.75	152.30	0.00	0.00	0.00
111	170	281	-2.4	-6.4-2018.33	-5.43	1.00	-4.14-2026.90	153.22	0.00	0.00	0.00
111	171	282	-2.6	-6.3-2024.72	-5.88	1.71	-4.09-2032.98	155.21	0.00	0.00	0.00
111	172	283	-2.7	-6.2-2031.01	-5.94	1.00	-4.04-2040.00	156.26	0.00	0.00	0.00
111	173	284	-2.9	-6.1-2037.20	-6.34	1.71	-4.00-2045.83	158.51	0.00	0.00	0.00
111	174	285	-3.1	-6.0-2043.28	-6.35	1.00	-3.95-2052.58	159.83	0.00	0.00	0.00
111	175	286	-3.3	-5.9-2049.25	-6.71	1.70	-3.91-2058.16	162.31	0.00	0.00	0.00
111	176	287	-3.4	-5.8-2055.12	-6.49	1.00	-3.86-2064.48	164.07	0.00	0.00	0.00
111	177	288	-3.6	-5.7-2060.89	-6.56	1.70	-3.82-2069.57	167.05	0.00	0.00	0.00
111	178	289	-3.8	-5.6-2066.57	-6.71	1.00	-3.78-2076.05	168.64	0.00	0.00	0.00
111	179	290	-3.9	-5.5-2072.14	-7.01	1.70	-3.74-2081.18	171.58	0.00	0.00	0.00
111	180	291	-4.1	-5.4-2077.61	-6.66	1.00	-3.69-2086.97	173.86	0.00	0.00	0.00
111	181	292	-4.3	-5.3-2082.99	-6.82	1.70	-3.65-2091.77	177.14	0.00	0.00	0.00
111	182	293	-4.4	-5.2-2088.27	-6.35	1.00	-3.61-2097.24	179.74	0.00	0.00	0.00
111	183	294	-4.6	-5.1-2093.46	-6.29	1.69	-3.58-2101.63	183.42	0.00	0.00	0.00
111	184	295	-4.8	-5.0-2098.55	-5.65	1.00	-3.54-2106.74	186.38	0.00	0.00	0.00
111	185	296	-4.9	-4.9-2103.55	-4.70	1.69	-3.50-2110.06	191.13	0.00	0.00	0.00
111	186	297	-5.1	-4.9-2108.46	-4.07	1.00	-3.46-2114.99	194.27	0.00	0.00	0.00
111	187	298	-5.2	-4.8-2113.27	-2.94	1.69	-3.43-2117.95	199.38	0.00	0.00	0.00
111	188	299	-5.4	-4.7-2118.00	-2.30	1.00	-3.39-2122.69	202.71	0.00	0.00	0.00
111	189	300	-5.6	-4.6-2122.64	-1.22	1.69	-3.36-2125.52	207.95	0.00	0.00	0.00
111	190	301	-5.7	-4.5-2127.18	-0.94	1.00	-3.32-2130.45	211.10	0.00	0.00	0.00
111	191	302	-5.9	-4.4-2131.65	-0.53	1.69	-3.29-2133.78	215.84	0.00	0.00	0.00
111	192	303	-6.0	-4.3-2136.02	0.05	1.00	-3.25-2138.23	219.46	0.00	0.00	0.00
111	193	304	-6.2	-4.2-2140.31	0.32	1.68	-3.22-2141.53	224.23	0.00	0.00	0.00
111	194	305	-6.3	-4.2-2144.52	-0.21	1.00	-3.19-2146.92	226.92	0.00	0.00	0.00
111	195	306	-6.5	-4.1-2148.64	-0.52	1.68	-3.16-2150.63	231.27	0.00	0.00	0.00
111	196	307	-6.6	-4.0-2152.68	-0.60	1.00	-3.13-2155.40	234.57	0.00	0.00	0.00
111	197	308	-6.8	-3.9-2156.63	-1.03	1.68	-3.10-2159.08	238.97	0.00	0.00	0.00
111	198	309	-6.9	-3.8-2160.51	-1.18	1.00	-3.07-2163.75	242.36	0.00	0.00	0.00
111	199	310	-7.1	-3.8-2164.30	-1.63	1.68	-3.04-2167.29	246.90	0.00	0.00	0.00
111	200	311	-7.2	-3.7-2168.02	-1.81	1.00	-3.01-2171.84	250.43	0.00	0.00	0.00
111	201	312	-7.4	-3.6-2171.65	-2.21	1.67	-2.98-2175.17	255.17	0.00	0.00	0.00
111	202	313	-7.5	-3.5-2175.21	-2.14	1.00	-2.95-2179.30	259.10	0.00	0.00	0.00
111	203	314	-7.7	-3.4-2178.70	-2.35	1.67	-2.92-2182.29	264.18	0.00	0.00	0.00
111	204	315	-7.8	-3.4-2182.10	-2.26	1.00	-2.89-2186.26	268.29	0.00	0.00	0.00
111	205	316	-8.0	-3.3-2185.43	-2.45	1.67	-2.87-2189.08	273.54	0.00	0.00	0.00
111	206	317	-8.1	-3.2-2188.69	-2.26	1.00	-2.84-2192.79	277.90	0.00	0.00	0.00
111	207	318	-8.2	-3.1-2191.87	-2.50	1.67	-2.81-2195.52	283.25	0.00	0.00	0.00
111	208	319	-8.4	-3.1-2194.98	-2.41	1.00	-2.79-2199.18	287.65	0.00	0.00	0.00
111	209	320	-8.5	-3.0-2198.02	-2.72	1.67	-2.76-2201.83	293.07	0.00	0.00	0.00
111	210	321	-8.7	-2.9-2200.98	-2.74	1.00	-2.74-2205.46	297.52	0.00	0.00	0.00
111	211	322	-8.8	-2.9-2203.88	-3.12	1.66	-2.71-2208.04	303.00	0.00	0.00	0.00
111	212	323	-8.9	-2.8-2206.70	-3.13	1.00	-2.69-2211.52	307.60	0.00	0.00	0.00
111	213	324	-9.1	-2.7-2209.45	-3.40	1.66	-2.67-2213.86	313.33	0.00	0.00	0.00
111	214	325	-9.2	-2.6-2212.14	-3.05	1.00	-2.64-2216.83	318.43	0.00	0.00	0.00
111	215	326	-9.4	-2.6-2214.76	-3.35	1.66	-2.62-2219.06	324.27	0.00	0.00	0.00
111	216	327	-9.5	-2.5-2217.31	-3.36	1.00	-2.60-2222.26	329.14	0.00	0.00	0.00
111	217	328	-9.6	-2.4-2219.79	-3.35	1.66	-2.57-2224.06	335.42	0.00	0.00	0.00
111	218	329	-9.8	-2.4-2222.21	-2.99	1.00	-2.55-2226.75	340.80	0.00	0.00	0.00
111	219	330	-9.9	-2.3-2224.56	-3.17	1.66	-2.53-2228.60	347.02	0.00	0.00	0.00
111	220	331	-10.0	-2.3-2226.85	-3.19	1.00	-2.51-2231.55	352.14	0.00	0.00	0.00
111	221	332	-10.2	-2.2-2229.07	-3.57	1.66	-2.49-2233.47	358.29	0.00	0.00	0.00
111	222	333	-10.3	-2.1-2231.23	-3.77	1.00	-2.47-2236.47	363.36	0.00	0.00	0.00
111	223	334	-10.4	-2.1-2233.33	-4.13	1.65	-2.45-2238.25	369.65	0.00	0.00	0.00
111	224	335	-10.6	-2.0-2235.37	-4.47	1.00	-2.43-2241.26	374.71	0.00	0.00	0.00
111	225	336	-10.7	-1.9-2237.34	-5.21	1.65	-2.41-2243.31	380.74	0.00	0.00	0.00
111	226	337	-10.8	-1.9-2239.26	-6.26	1.00	-2.39-2246.90	385.21	0.00	0.00	0.00
111	227	338	-10.9	-1.8-2241.11	-7.34	1.65	-2.37-2249.17	391.02	0.00	0.00	0.00
111	228	339	-11.1	-1.8-2242.91	-8.16	1.00	-2.35-2252.41	395.85	0.00	0.00	0.00
112	150	262	1.7	-9.1-1864.60	-2.80	0.00	-5.44-1872.84	153.11	0.00	0.00	0.00
112	151	263	1.5	-8.9-1873.60	-3.21	0.90	-5.36-1881.27	152.76	0.00	0.00	0.00

112	152	264	1.3	-8.8-1882.45	-3.33	0.00	-5.29-1891.07	151.02	0.00	0.00	0.00
112	153	265	1.1	-8.7-1891.17	-3.53	0.90	-5.22-1899.03	151.14	0.00	0.00	0.00
112	154	266	0.9	-8.5-1899.77	-3.58	0.00	-5.15-1908.50	149.74	0.00	0.00	0.00
112	155	267	0.7	-8.4-1908.23	-3.84	0.89	-5.08-1916.26	150.05	0.00	0.00	0.00
112	156	268	0.5	-8.3-1916.56	-3.87	0.00	-5.02-1925.45	148.93	0.00	0.00	0.00
112	157	269	0.3	-8.1-1924.77	-4.23	0.89	-4.95-1933.06	149.39	0.00	0.00	0.00
112	158	270	0.1	-8.0-1932.85	-4.39	0.00	-4.89-1942.13	148.39	0.00	0.00	0.00
112	159	271	0.0	-7.9-1940.81	-4.91	0.89	-4.83-1949.66	148.94	0.00	0.00	0.00
112	160	272	-0.2	-7.8-1948.65	-5.17	0.00	-4.77-1958.58	148.09	0.00	0.00	0.00
112	161	273	-0.4	-7.6-1956.36	-5.67	0.88	-4.71-1965.85	148.89	0.00	0.00	0.00
112	162	274	-0.6	-7.5-1963.95	-5.91	0.00	-4.65-1974.51	148.30	0.00	0.00	0.00
112	163	275	-0.8	-7.4-1971.43	-6.17	0.88	-4.59-1981.31	149.57	0.00	0.00	0.00
112	164	276	-0.9	-7.3-1978.79	-5.92	0.00	-4.53-1989.24	149.72	0.00	0.00	0.00
112	165	277	-1.1	-7.2-1986.03	-5.77	0.88	-4.48-1995.40	151.63	0.00	0.00	0.00
112	166	278	-1.3	-7.1-1993.15	-5.06	0.00	-4.42-2002.64	152.46	0.00	0.00	0.00
112	167	279	-1.5	-7.0-2000.17	-5.14	0.87	-4.37-2008.80	154.36	0.00	0.00	0.00
112	168	280	-1.7	-6.8-2007.07	-5.17	0.00	-4.32-2016.55	154.69	0.00	0.00	0.00
112	169	281	-1.8	-6.7-2013.86	-5.62	0.87	-4.27-2022.87	156.44	0.00	0.00	0.00
112	170	282	-2.0	-6.6-2020.54	-5.75	0.00	-4.22-2030.50	156.88	0.00	0.00	0.00
112	171	283	-2.2	-6.5-2027.10	-6.19	0.86	-4.17-2036.60	158.86	0.00	0.00	0.00
112	172	284	-2.4	-6.4-2033.57	-6.23	0.00	-4.12-2043.91	159.61	0.00	0.00	0.00
112	173	285	-2.5	-6.3-2039.92	-6.63	0.86	-4.07-2049.76	161.84	0.00	0.00	0.00
112	174	286	-2.7	-6.2-2046.17	-6.64	0.00	-4.02-2056.84	162.83	0.00	0.00	0.00
112	175	287	-2.9	-6.1-2052.32	-6.99	0.86	-3.98-2062.43	165.31	0.00	0.00	0.00
112	176	288	-3.0	-6.0-2058.36	-6.93	0.00	-3.93-2069.22	166.59	0.00	0.00	0.00
112	177	289	-3.2	-5.9-2064.30	-7.29	0.85	-3.89-2074.62	169.26	0.00	0.00	0.00
112	178	290	-3.4	-5.8-2070.14	-7.44	0.00	-3.84-2081.43	170.53	0.00	0.00	0.00
112	179	291	-3.5	-5.7-2075.88	-7.71	0.85	-3.80-2086.54	173.49	0.00	0.00	0.00
112	180	292	-3.7	-5.6-2081.52	-7.39	0.00	-3.76-2092.67	175.43	0.00	0.00	0.00
112	181	293	-3.9	-5.5-2087.06	-7.58	0.85	-3.72-2097.51	178.66	0.00	0.00	0.00
112	182	294	-4.0	-5.4-2092.51	-7.10	0.00	-3.68-2103.29	180.95	0.00	0.00	0.00
112	183	295	-4.2	-5.3-2097.86	-7.02	0.85	-3.64-2107.67	184.64	0.00	0.00	0.00
112	184	296	-4.4	-5.2-2103.11	-6.37	0.00	-3.60-2113.08	187.30	0.00	0.00	0.00
112	185	297	-4.5	-5.1-2108.27	-5.48	0.84	-3.56-2116.47	191.98	0.00	0.00	0.00
112	186	298	-4.7	-5.0-2113.34	-4.78	0.00	-3.52-2121.65	194.88	0.00	0.00	0.00
112	187	299	-4.8	-4.9-2118.32	-3.69	0.84	-3.49-2124.65	199.94	0.00	0.00	0.00
112	188	300	-5.0	-4.8-2123.20	-2.93	0.00	-3.45-2129.58	203.09	0.00	0.00	0.00
112	189	301	-5.2	-4.7-2128.00	-2.02	0.84	-3.41-2132.60	208.14	0.00	0.00	0.00
112	190	302	-5.3	-4.7-2132.70	-1.25	0.00	-3.38-2137.33	211.48	0.00	0.00	0.00
112	191	303	-5.5	-4.6-2137.32	-0.64	0.83	-3.35-2140.47	216.41	0.00	0.00	0.00
112	192	304	-5.6	-4.5-2141.85	-0.01	0.00	-3.31-2145.17	219.78	0.00	0.00	0.00
112	193	305	-5.8	-4.4-2146.30	0.41	0.83	-3.28-2148.33	224.69	0.00	0.00	0.00
112	194	306	-5.9	-4.3-2150.65	1.47	0.00	-3.24-2152.43	228.67	0.00	0.00	0.00
112	195	307	-6.1	-4.2-2154.93	-0.26	0.83	-3.21-2157.57	231.59	0.00	0.00	0.00
112	196	308	-6.2	-4.1-2159.12	-0.37	0.00	-3.18-2162.67	234.57	0.00	0.00	0.00
112	197	309	-6.4	-4.1-2163.23	-0.76	0.82	-3.15-2166.31	239.00	0.00	0.00	0.00
112	198	310	-6.6	-4.0-2167.25	-0.86	0.00	-3.12-2171.23	242.15	0.00	0.00	0.00
112	199	311	-6.7	-3.9-2171.20	-1.35	0.82	-3.09-2174.81	246.64	0.00	0.00	0.00
112	200	312	-6.8	-3.8-2175.06	-1.52	0.00	-3.06-2179.64	249.89	0.00	0.00	0.00
112	201	313	-7.0	-3.7-2178.85	-1.94	0.82	-3.03-2183.00	254.60	0.00	0.00	0.00
112	202	314	-7.1	-3.7-2182.55	-1.93	0.00	-3.00-2187.48	258.19	0.00	0.00	0.00
112	203	315	-7.3	-3.6-2186.18	-2.10	0.82	-2.97-2190.44	263.30	0.00	0.00	0.00
112	204	316	-7.4	-3.5-2189.73	-1.83	0.00	-2.94-2194.51	267.30	0.00	0.00	0.00
112	205	317	-7.6	-3.4-2193.21	-2.00	0.81	-2.92-2197.31	272.57	0.00	0.00	0.00
112	206	318	-7.7	-3.4-2196.61	-1.82	0.00	-2.89-2201.32	276.64	0.00	0.00	0.00
112	207	319	-7.9	-3.3-2199.93	-2.06	0.81	-2.86-2204.04	281.98	0.00	0.00	0.00
112	208	320	-8.0	-3.2-2203.18	-1.96	0.00	-2.84-2207.98	286.12	0.00	0.00	0.00
112	209	321	-8.2	-3.1-2206.36	-2.30	0.81	-2.81-2210.66	291.50	0.00	0.00	0.00
112	210	322	-8.3	-3.1-2209.47	-2.28	0.00	-2.79-2214.53	295.71	0.00	0.00	0.00
112	211	323	-8.4	-3.0-2212.50	-2.73	0.81	-2.76-2217.18	301.13	0.00	0.00	0.00
112	212	324	-8.6	-2.9-2215.46	-2.11	0.00	-2.74-2220.31	306.07	0.00	0.00	0.00
112	213	325	-8.7	-2.9-2218.36	-2.49	0.80	-2.71-2222.75	311.70	0.00	0.00	0.00
112	214	326	-8.8	-2.8-2221.18	-2.62	0.00	-2.69-2226.49	316.04	0.00	0.00	0.00
112	215	327	-9.0	-2.7-2223.93	-2.97	0.80	-2.66-2228.77	321.83	0.00	0.00	0.00
112	216	328	-9.1	-2.6-2226.62	-2.95	0.00	-2.64-2232.21	326.46	0.00	0.00	0.00
112	217	329	-9.3	-2.6-2229.24	-3.24	0.80	-2.62-2234.30	332.44	0.00	0.00	0.00

112	218	330	-9.4	-2.5	-2231.79	-3.13	0.00	-2.59	-2237.51	337.30	0.00	0.00	0.00
112	219	331	-9.5	-2.4	-2234.28	-3.23	0.80	-2.57	-2239.28	343.60	0.00	0.00	0.00
112	220	332	-9.7	-2.4	-2236.69	-3.33	0.00	-2.55	-2242.58	348.38	0.00	0.00	0.00
112	221	333	-9.8	-2.3	-2239.05	-3.72	0.79	-2.53	-2244.51	354.52	0.00	0.00	0.00
112	222	334	-9.9	-2.3	-2241.34	-3.94	0.00	-2.51	-2247.79	359.31	0.00	0.00	0.00
112	223	335	-10.1	-2.2	-2243.57	-4.38	0.79	-2.49	-2249.65	365.52	0.00	0.00	0.00
112	224	336	-10.2	-2.1	-2245.74	-4.96	0.00	-2.47	-2253.16	370.08	0.00	0.00	0.00
112	225	337	-10.3	-2.1	-2247.84	-5.80	0.79	-2.45	-2255.30	376.02	0.00	0.00	0.00
112	226	338	-10.4	-2.0	-2249.88	-6.92	0.00	-2.43	-2259.23	380.16	0.00	0.00	0.00
112	227	339	-10.6	-1.9	-2251.86	-8.00	0.79	-2.41	-2261.48	385.97	0.00	0.00	0.00
113	153	266	1.5	-8.8	-1889.90	-3.10	1.73	-5.32	-1896.59	160.84	0.00	0.00	0.00
113	154	267	1.3	-8.7	-1898.68	-3.21	0.99	-5.25	-1906.15	159.36	0.00	0.00	0.00
113	155	268	1.1	-8.6	-1907.33	-3.52	1.73	-5.18	-1914.30	159.27	0.00	0.00	0.00
113	156	269	0.9	-8.5	-1915.86	-3.60	0.99	-5.11	-1923.57	158.07	0.00	0.00	0.00
113	157	270	0.7	-8.3	-1924.25	-3.98	1.72	-5.04	-1931.55	158.17	0.00	0.00	0.00
113	158	271	0.5	-8.2	-1932.52	-4.17	0.99	-4.98	-1940.67	157.12	0.00	0.00	0.00
113	159	272	0.3	-8.1	-1940.66	-4.70	1.72	-4.91	-1948.55	157.31	0.00	0.00	0.00
113	160	273	0.2	-8.0	-1948.68	-4.96	0.99	-4.85	-1957.50	156.43	0.00	0.00	0.00
113	161	274	0.0	-7.8	-1956.57	-5.48	1.72	-4.79	-1965.13	156.88	0.00	0.00	0.00
113	162	275	-0.2	-7.7	-1964.35	-5.66	0.99	-4.73	-1973.75	156.33	0.00	0.00	0.00
113	163	276	-0.4	-7.6	-1972.01	-6.03	1.72	-4.67	-1980.99	157.15	0.00	0.00	0.00
113	164	277	-0.6	-7.5	-1979.55	-5.86	0.99	-4.61	-1989.03	157.19	0.00	0.00	0.00
113	165	278	-0.7	-7.4	-1986.97	-5.62	1.71	-4.56	-1995.43	158.86	0.00	0.00	0.00
113	166	279	-0.9	-7.2	-1994.27	-5.11	0.99	-4.50	-2002.89	159.47	0.00	0.00	0.00
113	167	280	-1.1	-7.1	-2001.46	-5.95	1.71	-4.45	-2010.15	160.28	0.00	0.00	0.00
113	168	281	-1.3	-7.0	-2008.54	-6.09	0.99	-4.40	-2018.03	160.47	0.00	0.00	0.00
113	169	282	-1.5	-6.9	-2015.50	-6.54	1.71	-4.34	-2024.68	161.90	0.00	0.00	0.00
113	170	283	-1.6	-6.8	-2022.36	-6.61	0.99	-4.29	-2032.26	162.38	0.00	0.00	0.00
113	171	284	-1.8	-6.7	-2029.10	-7.00	1.70	-4.24	-2038.64	164.08	0.00	0.00	0.00
113	172	285	-2.0	-6.6	-2035.74	-7.04	0.99	-4.19	-2045.97	164.82	0.00	0.00	0.00
113	173	286	-2.1	-6.5	-2042.26	-7.43	1.70	-4.14	-2052.13	166.73	0.00	0.00	0.00
113	174	287	-2.3	-6.4	-2048.68	-7.43	0.99	-4.10	-2059.22	167.72	0.00	0.00	0.00
113	175	288	-2.5	-6.3	-2055.00	-7.76	1.70	-4.05	-2065.11	169.90	0.00	0.00	0.00
113	176	289	-2.7	-6.2	-2061.21	-7.94	0.99	-4.00	-2072.16	170.91	0.00	0.00	0.00
113	177	290	-2.8	-6.1	-2067.32	-8.19	1.70	-3.96	-2077.77	173.38	0.00	0.00	0.00
113	178	291	-3.0	-6.0	-2073.33	-8.37	0.99	-3.91	-2084.62	174.60	0.00	0.00	0.00
113	179	292	-3.2	-5.9	-2079.23	-8.61	1.69	-3.87	-2090.02	177.27	0.00	0.00	0.00
113	180	293	-3.3	-5.8	-2085.04	-8.22	0.99	-3.83	-2096.10	179.27	0.00	0.00	0.00
113	181	294	-3.5	-5.7	-2090.75	-8.35	1.69	-3.79	-2101.19	182.24	0.00	0.00	0.00
113	182	295	-3.7	-5.6	-2096.36	-7.82	0.99	-3.74	-2106.93	184.57	0.00	0.00	0.00
113	183	296	-3.8	-5.5	-2101.87	-7.72	1.69	-3.70	-2111.60	187.97	0.00	0.00	0.00
113	184	297	-4.0	-5.4	-2107.29	-7.06	0.99	-3.66	-2117.02	190.63	0.00	0.00	0.00
113	185	298	-4.1	-5.3	-2112.61	-5.99	1.69	-3.62	-2120.54	195.18	0.00	0.00	0.00
113	186	299	-4.3	-5.2	-2117.84	-5.47	0.99	-3.59	-2125.90	197.89	0.00	0.00	0.00
113	187	300	-4.5	-5.1	-2122.98	-4.34	1.68	-3.55	-2129.18	202.68	0.00	0.00	0.00
113	188	301	-4.6	-5.0	-2128.02	-3.62	0.99	-3.51	-2134.16	205.77	0.00	0.00	0.00
113	189	302	-4.8	-4.9	-2132.97	-2.71	1.68	-3.48	-2137.48	210.53	0.00	0.00	0.00
113	190	303	-4.9	-4.8	-2137.84	-1.93	0.99	-3.44	-2142.21	213.86	0.00	0.00	0.00
113	191	304	-5.1	-4.7	-2142.61	-1.26	1.68	-3.40	-2145.60	218.55	0.00	0.00	0.00
113	192	305	-5.3	-4.6	-2147.30	-0.60	0.99	-3.37	-2150.28	221.94	0.00	0.00	0.00
113	193	306	-5.4	-4.6	-2151.90	0.30	1.68	-3.34	-2153.25	227.04	0.00	0.00	0.00
113	194	307	-5.6	-4.5	-2156.41	0.43	0.99	-3.30	-2158.29	230.07	0.00	0.00	0.00
113	195	308	-5.7	-4.4	-2160.84	-0.58	1.68	-3.27	-2163.01	233.42	0.00	0.00	0.00
113	196	309	-5.9	-4.3	-2165.18	-0.41	0.99	-3.24	-2167.83	236.67	0.00	0.00	0.00
113	197	310	-6.0	-4.2	-2169.44	-0.78	1.67	-3.20	-2171.75	240.83	0.00	0.00	0.00
113	198	311	-6.2	-4.1	-2173.62	-0.90	0.99	-3.17	-2176.70	243.95	0.00	0.00	0.00
113	199	312	-6.3	-4.0	-2177.71	-1.36	1.67	-3.14	-2180.54	248.18	0.00	0.00	0.00
113	200	313	-6.5	-4.0	-2181.72	-1.50	0.99	-3.11	-2185.34	251.45	0.00	0.00	0.00
113	201	314	-6.6	-3.9	-2185.66	-1.88	1.67	-3.08	-2188.95	255.91	0.00	0.00	0.00
113	202	315	-6.8	-3.8	-2189.51	-1.96	0.99	-3.05	-2193.53	259.40	0.00	0.00	0.00
113	203	316	-6.9	-3.7	-2193.29	-2.03	1.67	-3.02	-2196.67	264.33	0.00	0.00	0.00
113	204	317	-7.1	-3.7	-2196.98	-1.86	0.99	-2.99	-2200.84	268.23	0.00	0.00	0.00
113	205	318	-7.2	-3.6	-2200.60	-1.86	1.67	-2.97	-2203.76	273.38	0.00	0.00	0.00
113	206	319	-7.3	-3.5	-2204.15	-1.65	0.99	-2.94	-2207.74	277.48	0.00	0.00	0.00
113	207	320	-7.5	-3.4	-2207.62	-1.88	1.66	-2.91	-2210.74	282.55	0.00	0.00	0.00
113	208	321	-7.6	-3.4	-2211.01	-1.76	0.99	-2.89	-2214.66	286.70	0.00	0.00	0.00

113	209	322	-7.8	-3.3	-2214.33	-2.07	1.66	-2.86	-2217.60	291.84	0.00	0.00	0.00
113	210	323	-7.9	-3.2	-2217.57	-2.02	0.99	-2.83	-2221.43	296.07	0.00	0.00	0.00
113	211	324	-8.1	-3.1	-2220.75	-2.50	1.66	-2.81	-2224.40	301.18	0.00	0.00	0.00
113	212	325	-8.2	-3.1	-2223.85	-1.91	0.99	-2.78	-2227.55	306.10	0.00	0.00	0.00
113	213	326	-8.3	-3.0	-2226.88	-2.27	1.66	-2.76	-2230.25	311.47	0.00	0.00	0.00
113	214	327	-8.5	-2.9	-2229.84	-2.51	0.99	-2.73	-2234.09	315.70	0.00	0.00	0.00
113	215	328	-8.6	-2.9	-2232.73	-2.96	1.66	-2.71	-2236.75	321.11	0.00	0.00	0.00
113	216	329	-8.7	-2.8	-2235.56	-3.03	0.99	-2.69	-2240.28	325.65	0.00	0.00	0.00
113	217	330	-8.9	-2.7	-2238.31	-3.22	1.65	-2.66	-2242.54	331.47	0.00	0.00	0.00
113	218	331	-9.0	-2.6	-2241.00	-3.24	0.99	-2.64	-2245.88	336.19	0.00	0.00	0.00
113	219	332	-9.2	-2.6	-2243.62	-3.49	1.65	-2.62	-2248.07	342.08	0.00	0.00	0.00
113	220	333	-9.3	-2.5	-2246.17	-3.63	0.99	-2.59	-2251.40	346.82	0.00	0.00	0.00
113	221	334	-9.4	-2.5	-2248.66	-4.16	1.65	-2.57	-2253.74	352.55	0.00	0.00	0.00
113	222	335	-9.6	-2.4	-2251.08	-4.45	0.99	-2.55	-2257.09	357.27	0.00	0.00	0.00
113	223	336	-9.7	-2.3	-2253.44	-5.11	1.65	-2.53	-2259.43	363.00	0.00	0.00	0.00
113	224	337	-9.8	-2.3	-2255.74	-5.69	0.99	-2.51	-2262.94	367.56	0.00	0.00	0.00
113	225	338	-9.9	-2.2	-2257.97	-6.59	1.65	-2.49	-2265.40	373.18	0.00	0.00	0.00
113	226	339	-10.1	-2.1	-2260.14	-7.68	0.99	-2.47	-2269.29	377.36	0.00	0.00	0.00
114	155	269	1.5	-8.8	-1906.06	-3.02	0.89	-5.27	-1913.46	167.39	0.00	0.00	0.00
114	156	270	1.3	-8.6	-1914.77	-3.14	0.00	-5.20	-1923.11	165.80	0.00	0.00	0.00
114	157	271	1.1	-8.5	-1923.35	-3.50	0.89	-5.14	-1931.09	165.89	0.00	0.00	0.00
114	158	272	0.9	-8.4	-1931.80	-3.68	0.00	-5.07	-1940.55	164.51	0.00	0.00	0.00
114	159	273	0.7	-8.3	-1940.13	-4.16	0.89	-5.00	-1948.40	164.72	0.00	0.00	0.00
114	160	274	0.5	-8.1	-1948.33	-4.41	0.00	-4.94	-1957.68	163.52	0.00	0.00	0.00
114	161	275	0.4	-8.0	-1956.41	-4.84	0.88	-4.88	-1965.24	164.03	0.00	0.00	0.00
114	162	276	0.2	-7.9	-1964.37	-5.10	0.00	-4.82	-1974.28	163.06	0.00	0.00	0.00
114	163	277	0.0	-7.8	-1972.20	-5.47	0.88	-4.76	-1981.55	163.86	0.00	0.00	0.00
114	164	278	-0.2	-7.7	-1979.92	-5.28	0.00	-4.70	-1989.90	163.58	0.00	0.00	0.00
114	165	279	-0.4	-7.5	-1987.52	-6.01	0.88	-4.64	-1997.30	164.26	0.00	0.00	0.00
114	166	280	-0.5	-7.4	-1995.00	-6.07	0.00	-4.58	-2005.66	163.97	0.00	0.00	0.00
114	167	281	-0.7	-7.3	-2002.37	-6.47	0.87	-4.53	-2012.50	165.20	0.00	0.00	0.00
114	168	282	-0.9	-7.2	-2009.63	-6.57	0.00	-4.47	-2020.67	165.10	0.00	0.00	0.00
114	169	283	-1.1	-7.1	-2016.77	-6.95	0.87	-4.42	-2027.27	166.57	0.00	0.00	0.00
114	170	284	-1.2	-7.0	-2023.79	-7.00	0.00	-4.37	-2035.16	166.75	0.00	0.00	0.00
114	171	285	-1.4	-6.9	-2030.71	-7.41	0.86	-4.32	-2041.57	168.41	0.00	0.00	0.00
114	172	286	-1.6	-6.8	-2037.52	-7.36	0.00	-4.27	-2049.15	168.91	0.00	0.00	0.00
114	173	287	-1.8	-6.6	-2044.22	-7.74	0.86	-4.22	-2055.32	170.81	0.00	0.00	0.00
114	174	288	-1.9	-6.5	-2050.81	-7.80	0.00	-4.17	-2062.78	171.42	0.00	0.00	0.00
114	175	289	-2.1	-6.4	-2057.30	-8.37	0.86	-4.12	-2068.93	173.34	0.00	0.00	0.00
114	176	290	-2.3	-6.3	-2063.68	-8.61	0.00	-4.07	-2076.36	173.98	0.00	0.00	0.00
114	177	291	-2.4	-6.2	-2069.96	-8.89	0.85	-4.03	-2082.02	176.39	0.00	0.00	0.00
114	178	292	-2.6	-6.1	-2076.13	-8.89	0.00	-3.98	-2089.01	177.48	0.00	0.00	0.00
114	179	293	-2.8	-6.0	-2082.21	-9.12	0.85	-3.94	-2094.41	180.14	0.00	0.00	0.00
114	180	294	-2.9	-5.9	-2088.18	-8.76	0.00	-3.90	-2100.83	181.79	0.00	0.00	0.00
114	181	295	-3.1	-5.8	-2094.05	-8.88	0.85	-3.85	-2105.94	184.76	0.00	0.00	0.00
114	182	296	-3.3	-5.7	-2099.83	-8.39	0.00	-3.81	-2112.03	186.74	0.00	0.00	0.00
114	183	297	-3.4	-5.6	-2105.50	-8.26	0.85	-3.77	-2116.69	190.15	0.00	0.00	0.00
114	184	298	-3.6	-5.5	-2111.08	-7.59	0.00	-3.73	-2122.40	192.51	0.00	0.00	0.00
114	185	299	-3.8	-5.4	-2116.57	-6.51	0.84	-3.69	-2125.92	197.06	0.00	0.00	0.00
114	186	300	-3.9	-5.3	-2121.96	-5.99	0.00	-3.65	-2131.60	199.46	0.00	0.00	0.00
114	187	301	-4.1	-5.2	-2127.25	-4.84	0.84	-3.61	-2134.86	204.26	0.00	0.00	0.00
114	188	302	-4.2	-5.2	-2132.46	-4.13	0.00	-3.57	-2140.16	207.04	0.00	0.00	0.00
114	189	303	-4.4	-5.1	-2137.57	-3.10	0.84	-3.54	-2143.37	211.90	0.00	0.00	0.00
114	190	304	-4.6	-5.0	-2142.59	-2.43	0.00	-3.50	-2148.52	214.82	0.00	0.00	0.00
114	191	305	-4.7	-4.9	-2147.52	-1.52	0.83	-3.46	-2151.67	219.74	0.00	0.00	0.00
114	192	306	-4.9	-4.8	-2152.36	-0.95	0.00	-3.43	-2156.74	222.74	0.00	0.00	0.00
114	193	307	-5.0	-4.7	-2157.12	-0.15	0.83	-3.39	-2159.83	227.73	0.00	0.00	0.00
114	194	308	-5.2	-4.6	-2161.78	0.31	0.00	-3.36	-2164.83	230.79	0.00	0.00	0.00
114	195	309	-5.3	-4.5	-2166.37	0.99	0.83	-3.33	-2167.87	235.82	0.00	0.00	0.00
114	196	310	-5.5	-4.4	-2170.86	1.33	0.00	-3.29	-2172.82	238.94	0.00	0.00	0.00
114	197	311	-5.6	-4.4	-2175.27	-0.71	0.82	-3.26	-2178.42	241.42	0.00	0.00	0.00
114	198	312	-5.8	-4.3	-2179.60	-0.77	0.00	-3.23	-2183.60	244.31	0.00	0.00	0.00
114	199	313	-5.9	-4.2	-2183.84	-1.16	0.82	-3.20	-2187.38	248.61	0.00	0.00	0.00
114	200	314	-6.1	-4.1	-2188.01	-1.32	0.00	-3.17	-2192.49	251.56	0.00	0.00	0.00
114	201	315	-6.2	-4.0	-2192.09	-1.69	0.82	-3.13	-2196.09	256.03	0.00	0.00	0.00
114	202	316	-6.4	-4.0	-2196.09	-1.72	0.00	-3.10	-2200.92	259.28	0.00	0.00	0.00

114	203	317	-6.5	-3.9	-2200.01	-1.87	0.82	-3.08	-2204.14	264.13	0.00	0.00	0.00
114	204	318	-6.7	-3.8	-2203.85	-1.58	0.00	-3.05	-2208.48	267.86	0.00	0.00	0.00
114	205	319	-6.8	-3.7	-2207.62	-1.68	0.81	-3.02	-2211.51	272.91	0.00	0.00	0.00
114	206	320	-7.0	-3.6	-2211.31	-1.29	0.00	-2.99	-2215.59	276.89	0.00	0.00	0.00
114	207	321	-7.1	-3.6	-2214.92	-1.49	0.81	-2.96	-2218.56	281.99	0.00	0.00	0.00
114	208	322	-7.3	-3.5	-2218.46	-1.34	0.00	-2.93	-2222.73	285.89	0.00	0.00	0.00
114	209	323	-7.4	-3.4	-2221.92	-1.62	0.81	-2.91	-2225.64	291.06	0.00	0.00	0.00
114	210	324	-7.5	-3.3	-2225.31	-1.57	0.00	-2.88	-2229.76	295.01	0.00	0.00	0.00
114	211	325	-7.7	-3.3	-2228.62	-2.07	0.81	-2.85	-2232.74	300.10	0.00	0.00	0.00
114	212	326	-7.8	-3.2	-2231.86	-1.64	0.00	-2.83	-2236.33	304.58	0.00	0.00	0.00
114	213	327	-8.0	-3.1	-2235.03	-2.01	0.80	-2.80	-2239.04	309.94	0.00	0.00	0.00
114	214	328	-8.1	-3.1	-2238.13	-2.26	0.00	-2.78	-2243.17	313.88	0.00	0.00	0.00
114	215	329	-8.2	-3.0	-2241.16	-2.69	0.80	-2.75	-2245.80	319.32	0.00	0.00	0.00
114	216	330	-8.4	-2.9	-2244.12	-2.64	0.00	-2.73	-2249.49	323.71	0.00	0.00	0.00
114	217	331	-8.5	-2.9	-2247.01	-2.91	0.80	-2.71	-2251.83	329.44	0.00	0.00	0.00
114	218	332	-8.6	-2.8	-2249.83	-2.98	0.00	-2.68	-2255.49	333.85	0.00	0.00	0.00
114	219	333	-8.8	-2.7	-2252.59	-3.26	0.80	-2.66	-2257.71	339.70	0.00	0.00	0.00
114	220	334	-8.9	-2.6	-2255.27	-3.53	0.00	-2.64	-2261.44	344.04	0.00	0.00	0.00
114	221	335	-9.0	-2.6	-2257.89	-4.03	0.79	-2.61	-2263.74	349.81	0.00	0.00	0.00
114	222	336	-9.2	-2.5	-2260.45	-4.54	0.00	-2.59	-2267.58	354.05	0.00	0.00	0.00
114	223	337	-9.3	-2.5	-2262.94	-5.34	0.79	-2.57	-2270.06	359.64	0.00	0.00	0.00
114	224	338	-9.4	-2.4	-2265.36	-6.18	0.00	-2.55	-2274.09	363.68	0.00	0.00	0.00
114	225	339	-9.6	-2.3	-2267.73	-7.12	0.79	-2.53	-2276.59	369.26	0.00	0.00	0.00
115	157	272	1.5	-8.7	-1922.06	-3.33	1.72	-5.23	-1928.90	175.35	0.00	0.00	0.00
115	158	273	1.3	-8.6	-1930.70	-3.52	0.99	-5.16	-1938.40	173.92	0.00	0.00	0.00
115	159	274	1.1	-8.4	-1939.21	-3.96	1.72	-5.09	-1946.55	173.84	0.00	0.00	0.00
115	160	275	0.9	-8.3	-1947.60	-4.21	0.99	-5.03	-1955.85	172.61	0.00	0.00	0.00
115	161	276	0.7	-8.2	-1955.86	-4.70	1.71	-4.97	-1963.81	172.72	0.00	0.00	0.00
115	162	277	0.6	-8.1	-1964.00	-4.96	0.99	-4.90	-1972.88	171.73	0.00	0.00	0.00
115	163	278	0.4	-8.0	-1972.02	-5.33	1.71	-4.84	-1980.48	172.20	0.00	0.00	0.00
115	164	279	0.2	-7.8	-1979.92	-5.79	0.99	-4.78	-1989.50	171.25	0.00	0.00	0.00
115	165	280	0.0	-7.7	-1987.69	-6.30	1.71	-4.72	-1997.01	171.81	0.00	0.00	0.00
115	166	281	-0.2	-7.6	-1995.36	-6.45	0.99	-4.67	-2005.48	171.41	0.00	0.00	0.00
115	167	282	-0.3	-7.5	-2002.90	-6.86	1.71	-4.61	-2012.67	172.30	0.00	0.00	0.00
115	168	283	-0.5	-7.4	-2010.33	-6.95	0.99	-4.55	-2020.85	172.19	0.00	0.00	0.00
115	169	284	-0.7	-7.3	-2017.65	-7.40	1.70	-4.50	-2027.85	173.26	0.00	0.00	0.00
115	170	285	-0.9	-7.1	-2024.85	-7.43	0.99	-4.45	-2035.74	173.44	0.00	0.00	0.00
115	171	286	-1.0	-7.0	-2031.94	-7.84	1.70	-4.39	-2042.48	174.77	0.00	0.00	0.00
115	172	287	-1.2	-6.9	-2038.92	-7.76	0.99	-4.34	-2050.04	175.28	0.00	0.00	0.00
115	173	288	-1.4	-6.8	-2045.80	-8.16	1.70	-4.29	-2056.55	176.84	0.00	0.00	0.00
115	174	289	-1.6	-6.7	-2052.56	-8.17	0.99	-4.24	-2063.98	177.48	0.00	0.00	0.00
115	175	290	-1.7	-6.6	-2059.22	-8.52	1.69	-4.19	-2070.24	179.30	0.00	0.00	0.00
115	176	291	-1.9	-6.5	-2065.77	-8.66	0.99	-4.15	-2077.59	180.02	0.00	0.00	0.00
115	177	292	-2.1	-6.4	-2072.21	-8.98	1.69	-4.10	-2083.60	182.07	0.00	0.00	0.00
115	178	293	-2.2	-6.3	-2078.56	-9.10	0.99	-4.05	-2090.72	183.02	0.00	0.00	0.00
115	179	294	-2.4	-6.2	-2084.80	-9.44	1.69	-4.01	-2096.56	185.26	0.00	0.00	0.00
115	180	295	-2.6	-6.1	-2090.94	-9.09	0.99	-3.96	-2103.00	186.89	0.00	0.00	0.00
115	181	296	-2.7	-6.0	-2096.97	-9.16	1.69	-3.92	-2108.37	189.60	0.00	0.00	0.00
115	182	297	-2.9	-5.9	-2102.91	-8.59	0.99	-3.88	-2114.39	191.64	0.00	0.00	0.00
115	183	298	-3.1	-5.8	-2108.75	-8.46	1.68	-3.84	-2119.36	194.74	0.00	0.00	0.00
115	184	299	-3.2	-5.7	-2114.50	-7.78	0.99	-3.79	-2125.08	197.09	0.00	0.00	0.00
115	185	300	-3.4	-5.6	-2120.14	-6.70	1.68	-3.75	-2128.91	201.33	0.00	0.00	0.00
115	186	301	-3.5	-5.5	-2125.69	-6.19	0.99	-3.71	-2134.61	203.71	0.00	0.00	0.00
115	187	302	-3.7	-5.4	-2131.15	-5.06	1.68	-3.67	-2138.20	208.19	0.00	0.00	0.00
115	188	303	-3.9	-5.3	-2136.51	-4.34	0.99	-3.64	-2143.50	210.96	0.00	0.00	0.00
115	189	304	-4.0	-5.2	-2141.78	-3.33	1.68	-3.60	-2147.03	215.50	0.00	0.00	0.00
115	190	305	-4.2	-5.1	-2146.96	-2.66	0.99	-3.56	-2152.20	218.41	0.00	0.00	0.00
115	191	306	-4.3	-5.0	-2152.05	-1.76	1.68	-3.52	-2155.66	223.02	0.00	0.00	0.00
115	192	307	-4.5	-4.9	-2157.05	-1.19	0.99	-3.49	-2160.74	226.01	0.00	0.00	0.00
115	193	308	-4.6	-4.9	-2161.96	-0.50	1.67	-3.45	-2164.24	230.58	0.00	0.00	0.00
115	194	309	-4.8	-4.8	-2166.78	0.01	0.99	-3.42	-2169.20	233.69	0.00	0.00	0.00
115	195	310	-5.0	-4.7	-2171.52	-1.02	1.67	-3.38	-2174.25	236.71	0.00	0.00	0.00
115	196	311	-5.1	-4.6	-2176.16	-0.70	0.99	-3.35	-2179.22	239.81	0.00	0.00	0.00
115	197	312	-5.3	-4.5	-2180.73	-0.95	1.67	-3.32	-2183.32	243.78	0.00	0.00	0.00
115	198	313	-5.4	-4.4	-2185.21	-0.98	0.99	-3.28	-2188.48	246.69	0.00	0.00	0.00
115	199	314	-5.6	-4.3	-2189.60	-1.31	1.67	-3.25	-2192.50	250.75	0.00	0.00	0.00

115	200	315	-5.7	-4.3-2193.91	-1.40	0.99	-3.22-2197.55	253.77	0.00	0.00	0.00
115	201	316	-5.9	-4.2-2198.14	-1.78	1.66	-3.19-2201.45	257.94	0.00	0.00	0.00
115	202	317	-6.0	-4.1-2202.29	-1.80	0.99	-3.16-2206.26	261.20	0.00	0.00	0.00
115	203	318	-6.2	-4.0-2206.36	-1.92	1.66	-3.13-2209.75	265.79	0.00	0.00	0.00
115	204	319	-6.3	-3.9-2210.35	-1.66	0.99	-3.10-2214.12	269.48	0.00	0.00	0.00
115	205	320	-6.5	-3.9-2214.26	-1.71	1.66	-3.07-2217.38	274.29	0.00	0.00	0.00
115	206	321	-6.6	-3.8-2218.10	-1.32	0.99	-3.04-2221.47	278.28	0.00	0.00	0.00
115	207	322	-6.7	-3.7-2221.85	-1.47	1.66	-3.01-2224.68	283.14	0.00	0.00	0.00
115	208	323	-6.9	-3.6-2225.53	-1.13	0.99	-2.98-2228.66	287.23	0.00	0.00	0.00
115	209	324	-7.0	-3.6-2229.14	-1.52	1.66	-2.96-2231.96	292.00	0.00	0.00	0.00
115	210	325	-7.2	-3.5-2232.67	-1.43	0.99	-2.93-2236.04	295.99	0.00	0.00	0.00
115	211	326	-7.3	-3.4-2236.12	-1.73	1.65	-2.90-2239.10	301.00	0.00	0.00	0.00
115	212	327	-7.5	-3.3-2239.50	-1.81	0.99	-2.88-2243.20	304.97	0.00	0.00	0.00
115	213	328	-7.6	-3.3-2242.81	-2.06	1.65	-2.85-2246.07	310.18	0.00	0.00	0.00
115	214	329	-7.7	-3.2-2246.05	-2.23	0.99	-2.83-2250.12	314.20	0.00	0.00	0.00
115	215	330	-7.9	-3.1-2249.22	-2.54	1.65	-2.80-2252.91	319.48	0.00	0.00	0.00
115	216	331	-8.0	-3.1-2252.31	-2.73	0.99	-2.78-2256.83	323.63	0.00	0.00	0.00
115	217	332	-8.1	-3.0-2255.34	-3.04	1.65	-2.75-2259.48	329.05	0.00	0.00	0.00
115	218	333	-8.3	-2.9-2258.30	-3.11	0.99	-2.73-2263.15	333.46	0.00	0.00	0.00
115	219	334	-8.4	-2.9-2261.19	-3.54	1.65	-2.70-2265.78	338.89	0.00	0.00	0.00
115	220	335	-8.5	-2.8-2264.01	-3.82	0.99	-2.68-2269.52	343.23	0.00	0.00	0.00
115	221	336	-8.7	-2.7-2266.76	-4.34	1.64	-2.66-2272.12	348.70	0.00	0.00	0.00
115	222	337	-8.8	-2.7-2269.45	-4.87	0.99	-2.64-2275.97	352.92	0.00	0.00	0.00
115	223	338	-8.9	-2.6-2272.07	-5.76	1.64	-2.61-2278.80	358.16	0.00	0.00	0.00
115	224	339	-9.1	-2.5-2274.63	-6.39	0.99	-2.59-2282.62	362.41	0.00	0.00	0.00
116	159	275	1.5	-8.6-1937.92	-3.42	0.89	-5.19-1945.64	182.01	0.00	0.00	0.00
116	160	276	1.3	-8.5-1946.49	-3.66	0.00	-5.12-1955.27	180.45	0.00	0.00	0.00
116	161	277	1.1	-8.4-1954.94	-4.15	0.88	-5.05-1963.26	180.54	0.00	0.00	0.00
116	162	278	0.9	-8.3-1963.26	-4.41	0.00	-4.99-1972.66	179.21	0.00	0.00	0.00
116	163	279	0.8	-8.1-1971.46	-4.77	0.88	-4.93-1980.28	179.66	0.00	0.00	0.00
116	164	280	0.6	-8.0-1979.53	-5.48	0.00	-4.87-1989.88	178.13	0.00	0.00	0.00
116	165	281	0.4	-7.9-1987.49	-5.99	0.88	-4.81-1997.41	178.67	0.00	0.00	0.00
116	166	282	0.2	-7.8-1995.33	-6.18	0.00	-4.75-2006.26	177.90	0.00	0.00	0.00
116	167	283	0.0	-7.7-2003.05	-6.64	0.87	-4.69-2013.51	178.71	0.00	0.00	0.00
116	168	284	-0.1	-7.5-2010.66	-6.78	0.00	-4.63-2022.07	178.22	0.00	0.00	0.00
116	169	285	-0.3	-7.4-2018.15	-7.21	0.87	-4.58-2029.07	179.30	0.00	0.00	0.00
116	170	286	-0.5	-7.3-2025.53	-7.22	0.00	-4.52-2037.27	179.17	0.00	0.00	0.00
116	171	287	-0.7	-7.2-2032.79	-7.60	0.86	-4.47-2044.00	180.51	0.00	0.00	0.00
116	172	288	-0.8	-7.1-2039.95	-7.50	0.00	-4.42-2051.87	180.72	0.00	0.00	0.00
116	173	289	-1.0	-7.0-2046.99	-7.83	0.86	-4.37-2058.33	182.33	0.00	0.00	0.00
116	174	290	-1.2	-6.9-2053.93	-7.81	0.00	-4.32-2066.05	182.67	0.00	0.00	0.00
116	175	291	-1.3	-6.8-2060.75	-8.07	0.86	-4.27-2072.23	184.56	0.00	0.00	0.00
116	176	292	-1.5	-6.7-2067.48	-8.30	0.00	-4.22-2079.99	184.87	0.00	0.00	0.00
116	177	293	-1.7	-6.6-2074.09	-8.62	0.85	-4.17-2086.03	186.91	0.00	0.00	0.00
116	178	294	-1.9	-6.5-2080.60	-8.70	0.00	-4.12-2093.43	187.59	0.00	0.00	0.00
116	179	295	-2.0	-6.4-2087.01	-8.98	0.85	-4.08-2099.22	189.87	0.00	0.00	0.00
116	180	296	-2.2	-6.2-2093.31	-8.58	0.00	-4.03-2105.93	191.23	0.00	0.00	0.00
116	181	297	-2.4	-6.1-2099.52	-8.63	0.85	-3.99-2111.29	193.94	0.00	0.00	0.00
116	182	298	-2.5	-6.0-2105.62	-8.08	0.00	-3.94-2117.64	195.65	0.00	0.00	0.00
116	183	299	-2.7	-6.0-2111.62	-7.94	0.85	-3.90-2122.62	198.75	0.00	0.00	0.00
116	184	300	-2.8	-5.9-2117.53	-7.25	0.00	-3.86-2128.64	200.80	0.00	0.00	0.00
116	185	301	-3.0	-5.8-2123.34	-6.39	0.84	-3.82-2132.70	204.81	0.00	0.00	0.00
116	186	302	-3.2	-5.7-2129.05	-5.66	0.00	-3.78-2138.49	207.10	0.00	0.00	0.00
116	187	303	-3.3	-5.6-2134.67	-4.54	0.84	-3.74-2142.11	211.55	0.00	0.00	0.00
116	188	304	-3.5	-5.5-2140.19	-3.82	0.00	-3.70-2147.71	214.02	0.00	0.00	0.00
116	189	305	-3.6	-5.4-2145.62	-2.83	0.84	-3.66-2151.27	218.53	0.00	0.00	0.00
116	190	306	-3.8	-5.3-2150.96	-2.15	0.00	-3.62-2156.73	221.14	0.00	0.00	0.00
116	191	307	-4.0	-5.2-2156.20	-1.32	0.83	-3.58-2160.27	225.67	0.00	0.00	0.00
116	192	308	-4.1	-5.1-2161.36	-0.62	0.00	-3.55-2165.52	228.49	0.00	0.00	0.00
116	193	309	-4.3	-5.0-2166.42	-0.11	0.83	-3.51-2169.21	232.87	0.00	0.00	0.00
116	194	310	-4.4	-4.9-2171.40	0.53	0.00	-3.48-2174.34	235.81	0.00	0.00	0.00
116	195	311	-4.6	-4.8-2176.29	-0.67	0.83	-3.44-2179.57	238.66	0.00	0.00	0.00
116	196	312	-4.7	-4.8-2181.09	-0.55	0.00	-3.41-2185.05	241.25	0.00	0.00	0.00
116	197	313	-4.9	-4.7-2185.80	-0.58	0.82	-3.37-2188.93	245.44	0.00	0.00	0.00
116	198	314	-5.0	-4.6-2190.43	-0.94	0.00	-3.34-2194.71	247.73	0.00	0.00	0.00
116	199	315	-5.2	-4.5-2194.98	-1.30	0.82	-3.31-2198.76	251.75	0.00	0.00	0.00

116	200	316	-5.3	-4.4	-2199.44	-1.34	0.00	-3.27	-2204.06	254.53	0.00	0.00	0.00
116	201	317	-5.5	-4.3	-2203.82	-1.69	0.82	-3.24	-2207.94	258.72	0.00	0.00	0.00
116	202	318	-5.6	-4.3	-2208.12	-1.71	0.00	-3.21	-2213.04	261.68	0.00	0.00	0.00
116	203	319	-5.8	-4.2	-2212.34	-1.83	0.82	-3.18	-2216.53	266.27	0.00	0.00	0.00
116	204	320	-5.9	-4.1	-2216.47	-1.56	0.00	-3.15	-2221.19	269.68	0.00	0.00	0.00
116	205	321	-6.1	-4.0	-2220.53	-1.53	0.81	-3.12	-2224.37	274.57	0.00	0.00	0.00
116	206	322	-6.2	-3.9	-2224.51	-1.21	0.00	-3.09	-2228.81	278.20	0.00	0.00	0.00
116	207	323	-6.4	-3.9	-2228.41	-1.25	0.81	-3.06	-2231.91	283.17	0.00	0.00	0.00
116	208	324	-6.5	-3.8	-2232.23	-1.04	0.00	-3.03	-2236.31	286.85	0.00	0.00	0.00
116	209	325	-6.7	-3.7	-2235.98	-1.39	0.81	-3.01	-2239.57	291.66	0.00	0.00	0.00
116	210	326	-6.8	-3.6	-2239.65	-1.27	0.00	-2.98	-2243.90	295.40	0.00	0.00	0.00
116	211	327	-6.9	-3.6	-2243.25	-1.60	0.81	-2.95	-2246.99	300.37	0.00	0.00	0.00
116	212	328	-7.1	-3.5	-2246.77	-1.40	0.00	-2.93	-2251.10	304.34	0.00	0.00	0.00
116	213	329	-7.2	-3.4	-2250.22	-1.76	0.80	-2.90	-2254.08	309.44	0.00	0.00	0.00
116	214	330	-7.4	-3.3	-2253.60	-1.87	0.00	-2.87	-2258.34	313.24	0.00	0.00	0.00
116	215	331	-7.5	-3.3	-2256.90	-2.24	0.80	-2.85	-2261.19	318.47	0.00	0.00	0.00
116	216	332	-7.6	-3.2	-2260.14	-2.25	0.00	-2.82	-2265.21	322.52	0.00	0.00	0.00
116	217	333	-7.8	-3.1	-2263.30	-2.53	0.80	-2.80	-2267.83	327.97	0.00	0.00	0.00
116	218	334	-7.9	-3.1	-2266.39	-2.80	0.00	-2.77	-2271.97	331.90	0.00	0.00	0.00
116	219	335	-8.0	-3.0	-2269.42	-3.27	0.80	-2.75	-2274.64	337.30	0.00	0.00	0.00
116	220	336	-8.2	-2.9	-2272.37	-3.55	0.00	-2.73	-2278.65	341.36	0.00	0.00	0.00
116	221	337	-8.3	-2.9	-2275.26	-4.10	0.79	-2.70	-2281.27	346.82	0.00	0.00	0.00
116	222	338	-8.4	-2.8	-2278.08	-4.51	0.00	-2.68	-2285.27	350.89	0.00	0.00	0.00
116	223	339	-8.6	-2.7	-2280.83	-5.55	0.79	-2.66	-2288.25	355.98	0.00	0.00	0.00
117	161	278	1.5	-8.6	-1953.63	-4.01	1.71	-5.14	-1961.08	189.98	0.00	0.00	0.00
117	162	279	1.3	-8.4	-1962.14	-4.61	0.98	-5.08	-1970.84	188.29	0.00	0.00	0.00
117	163	280	1.1	-8.3	-1970.52	-4.55	1.71	-5.02	-1978.38	188.83	0.00	0.00	0.00
117	164	281	1.0	-8.2	-1978.77	-5.52	0.98	-4.95	-1988.27	187.01	0.00	0.00	0.00
117	165	282	0.8	-8.1	-1986.91	-6.09	1.70	-4.89	-1996.19	187.16	0.00	0.00	0.00
117	166	283	0.6	-8.0	-1994.93	-6.25	0.98	-4.83	-2005.03	186.39	0.00	0.00	0.00
117	167	284	0.4	-7.8	-2002.83	-6.72	1.70	-4.77	-2012.62	186.87	0.00	0.00	0.00
117	168	285	0.2	-7.7	-2010.61	-6.87	0.98	-4.72	-2021.21	186.35	0.00	0.00	0.00
117	169	286	0.1	-7.6	-2018.28	-7.27	1.70	-4.66	-2028.51	187.12	0.00	0.00	0.00
117	170	287	-0.1	-7.5	-2025.83	-7.33	0.98	-4.60	-2036.78	186.92	0.00	0.00	0.00
117	171	288	-0.3	-7.4	-2033.27	-7.72	1.69	-4.55	-2043.84	187.93	0.00	0.00	0.00
117	172	289	-0.5	-7.3	-2040.60	-7.68	0.98	-4.50	-2051.79	188.06	0.00	0.00	0.00
117	173	290	-0.6	-7.2	-2047.81	-8.03	1.69	-4.44	-2058.59	189.33	0.00	0.00	0.00
117	174	291	-0.8	-7.0	-2054.92	-8.02	0.98	-4.39	-2066.35	189.64	0.00	0.00	0.00
117	175	292	-1.0	-6.9	-2061.92	-8.30	1.69	-4.34	-2072.87	191.19	0.00	0.00	0.00
117	176	293	-1.1	-6.8	-2068.81	-8.21	0.98	-4.29	-2080.33	191.81	0.00	0.00	0.00
117	177	294	-1.3	-6.7	-2075.59	-8.44	1.69	-4.24	-2086.59	193.62	0.00	0.00	0.00
117	178	295	-1.5	-6.6	-2082.27	-8.55	0.98	-4.20	-2094.03	194.24	0.00	0.00	0.00
117	179	296	-1.6	-6.5	-2088.84	-8.96	1.68	-4.15	-2100.27	196.08	0.00	0.00	0.00
117	180	297	-1.8	-6.4	-2095.31	-8.57	0.98	-4.10	-2107.01	197.41	0.00	0.00	0.00
117	181	298	-2.0	-6.3	-2101.68	-8.59	1.68	-4.06	-2112.65	199.84	0.00	0.00	0.00
117	182	299	-2.1	-6.2	-2107.95	-8.02	0.98	-4.01	-2119.00	201.56	0.00	0.00	0.00
117	183	300	-2.3	-6.1	-2114.12	-7.85	1.68	-3.97	-2124.26	204.37	0.00	0.00	0.00
117	184	301	-2.5	-6.0	-2120.19	-7.16	0.98	-3.93	-2130.29	206.41	0.00	0.00	0.00
117	185	302	-2.6	-5.9	-2126.16	-6.29	1.68	-3.88	-2134.66	210.12	0.00	0.00	0.00
117	186	303	-2.8	-5.8	-2132.03	-5.57	0.98	-3.84	-2140.46	212.38	0.00	0.00	0.00
117	187	304	-2.9	-5.7	-2137.81	-4.47	1.67	-3.80	-2144.41	216.51	0.00	0.00	0.00
117	188	305	-3.1	-5.6	-2143.49	-3.74	0.98	-3.76	-2150.01	218.98	0.00	0.00	0.00
117	189	306	-3.3	-5.5	-2149.08	-2.72	1.67	-3.72	-2153.85	223.21	0.00	0.00	0.00
117	190	307	-3.4	-5.4	-2154.58	-2.07	0.98	-3.68	-2159.35	225.78	0.00	0.00	0.00
117	191	308	-3.6	-5.4	-2159.98	-1.32	1.67	-3.65	-2163.27	229.93	0.00	0.00	0.00
117	192	309	-3.7	-5.3	-2165.29	-2.24	0.98	-3.61	-2170.16	231.12	0.00	0.00	0.00
117	193	310	-3.9	-5.2	-2170.51	0.11	1.67	-3.57	-2172.30	237.04	0.00	0.00	0.00
117	194	311	-4.1	-5.1	-2175.64	0.53	0.98	-3.54	-2177.66	239.75	0.00	0.00	0.00
117	195	312	-4.2	-5.0	-2180.68	-0.83	1.67	-3.50	-2183.35	242.14	0.00	0.00	0.00
117	196	313	-4.4	-4.9	-2185.64	-0.43	0.98	-3.46	-2188.55	245.01	0.00	0.00	0.00
117	197	314	-4.5	-4.8	-2190.51	-0.19	1.66	-3.43	-2192.46	249.17	0.00	0.00	0.00
117	198	315	-4.7	-4.7	-2195.29	-1.26	0.98	-3.40	-2198.96	250.74	0.00	0.00	0.00
117	199	316	-4.8	-4.6	-2199.99	-1.53	1.66	-3.36	-2203.22	254.56	0.00	0.00	0.00
117	200	317	-5.0	-4.6	-2204.60	-1.58	0.98	-3.33	-2208.53	257.32	0.00	0.00	0.00
117	201	318	-5.1	-4.5	-2209.13	-1.87	1.66	-3.30	-2212.64	261.28	0.00	0.00	0.00
117	202	319	-5.3	-4.4	-2213.57	-1.94	0.98	-3.27	-2217.80	264.19	0.00	0.00	0.00

117	203	320	-5.4	-4.3	-2217.94	-1.99	1.66	-3.23	-2221.51	268.55	0.00	0.00	0.00
117	204	321	-5.6	-4.2	-2222.22	-1.70	0.98	-3.20	-2226.14	271.99	0.00	0.00	0.00
117	205	322	-5.7	-4.2	-2226.43	-1.66	1.65	-3.17	-2229.60	276.60	0.00	0.00	0.00
117	206	323	-5.9	-4.1	-2230.55	-1.31	0.98	-3.14	-2234.02	280.25	0.00	0.00	0.00
117	207	324	-6.0	-4.0	-2234.60	-1.34	1.65	-3.11	-2237.40	284.95	0.00	0.00	0.00
117	208	325	-6.1	-3.9	-2238.56	-1.09	0.98	-3.09	-2241.76	288.66	0.00	0.00	0.00
117	209	326	-6.3	-3.8	-2242.45	-1.39	1.65	-3.06	-2245.25	293.24	0.00	0.00	0.00
117	210	327	-6.4	-3.8	-2246.27	-1.21	0.98	-3.03	-2249.52	297.04	0.00	0.00	0.00
117	211	328	-6.6	-3.7	-2250.01	-1.51	1.65	-3.00	-2252.87	301.76	0.00	0.00	0.00
117	212	329	-6.7	-3.6	-2253.67	-1.43	0.98	-2.97	-2257.09	305.61	0.00	0.00	0.00
117	213	330	-6.9	-3.5	-2257.26	-1.74	1.65	-2.95	-2260.30	310.48	0.00	0.00	0.00
117	214	331	-7.0	-3.5	-2260.78	-1.81	0.98	-2.92	-2264.53	314.32	0.00	0.00	0.00
117	215	332	-7.1	-3.4	-2264.22	-2.20	1.64	-2.89	-2267.67	319.25	0.00	0.00	0.00
117	216	333	-7.3	-3.3	-2267.59	-2.26	0.98	-2.87	-2271.74	323.25	0.00	0.00	0.00
117	217	334	-7.4	-3.3	-2270.89	-2.71	1.64	-2.84	-2274.80	328.26	0.00	0.00	0.00
117	218	335	-7.5	-3.2	-2274.12	-2.98	0.98	-2.82	-2278.94	332.20	0.00	0.00	0.00
117	219	336	-7.7	-3.1	-2277.28	-3.46	1.64	-2.79	-2281.89	337.31	0.00	0.00	0.00
117	220	337	-7.8	-3.1	-2280.37	-3.73	0.98	-2.77	-2285.89	341.39	0.00	0.00	0.00
117	221	338	-7.9	-3.0	-2283.39	-4.32	1.64	-2.75	-2288.82	346.53	0.00	0.00	0.00
117	222	339	-8.1	-2.9	-2286.35	-4.72	0.98	-2.72	-2292.81	350.61	0.00	0.00	0.00
118	163	281	1.5	-8.5	-1969.20	-4.04	0.88	-5.10	-1977.47	197.00	0.00	0.00	0.00
118	164	282	1.3	-8.4	-1977.64	-5.07	0.00	-5.04	-1987.75	194.79	0.00	0.00	0.00
118	165	283	1.1	-8.3	-1985.96	-5.52	0.88	-4.98	-1995.58	195.03	0.00	0.00	0.00
118	166	284	1.0	-8.1	-1994.15	-5.72	0.00	-4.92	-2004.79	193.89	0.00	0.00	0.00
118	167	285	0.8	-8.0	-2002.23	-6.15	0.87	-4.86	-2012.36	194.39	0.00	0.00	0.00
118	168	286	0.6	-7.9	-2010.19	-6.25	0.00	-4.80	-2021.24	193.59	0.00	0.00	0.00
118	169	287	0.4	-7.8	-2018.03	-6.75	0.87	-4.74	-2028.65	194.24	0.00	0.00	0.00
118	170	288	0.3	-7.7	-2025.75	-6.78	0.00	-4.68	-2037.22	193.75	0.00	0.00	0.00
118	171	289	0.1	-7.6	-2033.37	-7.20	0.86	-4.63	-2044.33	194.71	0.00	0.00	0.00
118	172	290	-0.1	-7.4	-2040.87	-7.04	0.00	-4.57	-2052.48	194.63	0.00	0.00	0.00
118	173	291	-0.3	-7.3	-2048.26	-7.55	0.86	-4.52	-2059.47	195.72	0.00	0.00	0.00
118	174	292	-0.4	-7.2	-2055.53	-7.52	0.00	-4.47	-2067.52	195.73	0.00	0.00	0.00
118	175	293	-0.6	-7.1	-2062.70	-7.82	0.86	-4.42	-2074.08	197.24	0.00	0.00	0.00
118	176	294	-0.8	-7.0	-2069.76	-7.67	0.00	-4.37	-2081.80	197.60	0.00	0.00	0.00
118	177	295	-0.9	-6.9	-2076.71	-7.89	0.85	-4.32	-2088.07	199.40	0.00	0.00	0.00
118	178	296	-1.1	-6.8	-2083.56	-7.90	0.00	-4.27	-2095.73	199.81	0.00	0.00	0.00
118	179	297	-1.3	-6.7	-2090.30	-8.27	0.85	-4.22	-2101.94	201.67	0.00	0.00	0.00
118	180	298	-1.4	-6.6	-2096.94	-7.83	0.00	-4.17	-2108.94	202.74	0.00	0.00	0.00
118	181	299	-1.6	-6.5	-2103.47	-7.84	0.85	-4.13	-2114.59	205.16	0.00	0.00	0.00
118	182	300	-1.8	-6.4	-2109.91	-7.24	0.00	-4.08	-2121.23	206.59	0.00	0.00	0.00
118	183	301	-1.9	-6.3	-2116.24	-7.05	0.85	-4.04	-2126.48	209.41	0.00	0.00	0.00
118	184	302	-2.1	-6.2	-2122.47	-6.36	0.00	-3.99	-2132.82	211.14	0.00	0.00	0.00
118	185	303	-2.3	-6.1	-2128.60	-5.29	0.84	-3.95	-2137.00	215.04	0.00	0.00	0.00
118	186	304	-2.4	-6.0	-2134.64	-4.78	0.00	-3.91	-2143.33	216.78	0.00	0.00	0.00
118	187	305	-2.6	-5.9	-2140.58	-3.67	0.84	-3.87	-2147.27	220.91	0.00	0.00	0.00
118	188	306	-2.7	-5.8	-2146.42	-2.95	0.00	-3.83	-2153.19	223.06	0.00	0.00	0.00
118	189	307	-2.9	-5.7	-2152.17	-2.05	0.84	-3.79	-2157.17	227.16	0.00	0.00	0.00
118	190	308	-3.1	-5.6	-2157.82	-1.31	0.00	-3.75	-2162.88	229.52	0.00	0.00	0.00
118	191	309	-3.2	-5.5	-2163.38	-0.66	0.83	-3.71	-2166.91	233.55	0.00	0.00	0.00
118	192	310	-3.4	-5.4	-2168.85	0.16	0.00	-3.67	-2172.36	236.18	0.00	0.00	0.00
118	193	311	-3.5	-5.3	-2174.22	0.38	0.83	-3.63	-2176.65	239.96	0.00	0.00	0.00
118	194	312	-3.7	-5.2	-2179.51	0.76	0.00	-3.59	-2182.35	242.34	0.00	0.00	0.00
118	195	313	-3.8	-5.1	-2184.71	-5.04	0.83	-3.56	-2192.48	240.27	0.00	0.00	0.00
118	196	314	-4.0	-5.1	-2189.82	-4.91	0.00	-3.52	-2198.25	242.58	0.00	0.00	0.00
118	197	315	-4.1	-5.0	-2194.84	-5.13	0.82	-3.49	-2202.63	246.26	0.00	0.00	0.00
118	198	316	-4.3	-4.9	-2199.77	-1.41	0.00	-3.45	-2204.63	252.33	0.00	0.00	0.00
118	199	317	-4.4	-4.8	-2204.62	-1.55	0.82	-3.42	-2208.77	256.27	0.00	0.00	0.00
118	200	318	-4.6	-4.7	-2209.38	-1.59	0.00	-3.39	-2214.36	258.75	0.00	0.00	0.00
118	201	319	-4.7	-4.6	-2214.06	-1.88	0.82	-3.35	-2218.47	262.71	0.00	0.00	0.00
118	202	320	-4.9	-4.6	-2218.66	-1.82	0.00	-3.32	-2223.80	265.46	0.00	0.00	0.00
118	203	321	-5.0	-4.5	-2223.17	-1.99	0.82	-3.29	-2227.63	269.69	0.00	0.00	0.00
118	204	322	-5.2	-4.4	-2227.60	-1.69	0.00	-3.26	-2232.55	272.85	0.00	0.00	0.00
118	205	323	-5.3	-4.3	-2231.95	-1.64	0.81	-3.23	-2236.00	277.46	0.00	0.00	0.00
118	206	324	-5.5	-4.2	-2236.22	-1.28	0.00	-3.20	-2240.70	280.84	0.00	0.00	0.00
118	207	325	-5.6	-4.1	-2240.41	-1.31	0.81	-3.17	-2244.08	285.53	0.00	0.00	0.00
118	208	326	-5.8	-4.1	-2244.52	-1.04	0.00	-3.14	-2248.70	288.98	0.00	0.00	0.00

118	209	327	-5.9	-4.0	-2248.56	-1.20	0.81	-3.11	-2252.06	293.70	0.00	0.00	0.00
118	210	328	-6.1	-3.9	-2252.51	-0.99	0.00	-3.08	-2256.58	297.24	0.00	0.00	0.00
118	211	329	-6.2	-3.8	-2256.39	-2.63	0.81	-3.05	-2261.27	300.63	0.00	0.00	0.00
118	212	330	-6.3	-3.8	-2260.20	-2.64	0.00	-3.02	-2265.86	304.11	0.00	0.00	0.00
118	213	331	-6.5	-3.7	-2263.93	-2.86	0.80	-3.00	-2268.98	309.06	0.00	0.00	0.00
118	214	332	-6.6	-3.6	-2267.58	-1.44	0.00	-2.97	-2271.99	314.12	0.00	0.00	0.00
118	215	333	-6.8	-3.5	-2271.17	-1.79	0.80	-2.94	-2275.10	319.08	0.00	0.00	0.00
118	216	334	-6.9	-3.5	-2274.68	-1.79	0.00	-2.92	-2279.38	322.87	0.00	0.00	0.00
118	217	335	-7.0	-3.4	-2278.11	-2.28	0.80	-2.89	-2282.49	327.84	0.00	0.00	0.00
118	218	336	-7.2	-3.3	-2281.48	-2.56	0.00	-2.87	-2286.91	331.49	0.00	0.00	0.00
118	219	337	-7.3	-3.3	-2284.77	-3.04	0.80	-2.84	-2289.86	336.61	0.00	0.00	0.00
118	220	338	-7.4	-3.2	-2288.00	-3.35	0.00	-2.82	-2294.17	340.37	0.00	0.00	0.00
118	221	339	-7.6	-3.1	-2291.16	-3.95	0.79	-2.79	-2297.11	345.50	0.00	0.00	0.00
119	165	284	1.5	-8.4	-1984.63	-5.36	1.70	-5.06	-1993.36	204.52	0.00	0.00	0.00
119	166	285	1.3	-8.3	-1993.00	-5.45	0.98	-5.00	-2002.48	203.46	0.00	0.00	0.00
119	167	286	1.2	-8.2	-2001.26	-5.96	1.70	-4.94	-2010.46	203.55	0.00	0.00	0.00
119	168	287	1.0	-8.1	-2009.39	-6.29	0.98	-4.88	-2019.59	202.50	0.00	0.00	0.00
119	169	288	0.8	-8.0	-2017.41	-6.71	1.69	-4.82	-2027.25	202.91	0.00	0.00	0.00
119	170	289	0.6	-7.8	-2025.31	-6.58	0.98	-4.77	-2035.68	202.55	0.00	0.00	0.00
119	171	290	0.5	-7.7	-2033.10	-7.05	1.69	-4.71	-2043.16	203.14	0.00	0.00	0.00
119	172	291	0.3	-7.6	-2040.77	-7.15	0.98	-4.65	-2051.60	202.78	0.00	0.00	0.00
119	173	292	0.1	-7.5	-2048.33	-7.45	1.69	-4.60	-2058.69	203.75	0.00	0.00	0.00
119	174	293	-0.1	-7.4	-2055.78	-7.58	0.98	-4.55	-2066.93	203.59	0.00	0.00	0.00
119	175	294	-0.2	-7.3	-2063.12	-7.89	1.68	-4.49	-2073.81	204.77	0.00	0.00	0.00
119	176	295	-0.4	-7.2	-2070.34	-7.67	0.98	-4.44	-2081.48	205.18	0.00	0.00	0.00
119	177	296	-0.6	-7.1	-2077.47	-7.63	1.68	-4.39	-2087.81	206.92	0.00	0.00	0.00
119	178	297	-0.7	-7.0	-2084.48	-7.75	0.98	-4.34	-2095.60	207.20	0.00	0.00	0.00
119	179	298	-0.9	-6.9	-2091.39	-8.11	1.68	-4.29	-2102.11	208.76	0.00	0.00	0.00
119	180	299	-1.1	-6.7	-2098.19	-7.79	0.98	-4.24	-2109.25	209.69	0.00	0.00	0.00
119	181	300	-1.2	-6.6	-2104.89	-7.73	1.68	-4.20	-2115.14	211.87	0.00	0.00	0.00
119	182	301	-1.4	-6.5	-2111.49	-7.09	0.98	-4.15	-2121.76	213.33	0.00	0.00	0.00
119	183	302	-1.6	-6.4	-2117.99	-6.88	1.67	-4.11	-2127.30	215.86	0.00	0.00	0.00
119	184	303	-1.7	-6.3	-2124.38	-6.18	0.98	-4.06	-2133.65	217.58	0.00	0.00	0.00
119	185	304	-1.9	-6.2	-2130.68	-5.11	1.67	-4.02	-2138.13	221.17	0.00	0.00	0.00
119	186	305	-2.0	-6.1	-2136.87	-4.60	0.98	-3.97	-2144.47	222.90	0.00	0.00	0.00
119	187	306	-2.2	-6.0	-2142.97	-3.47	1.67	-3.93	-2148.70	226.74	0.00	0.00	0.00
119	188	307	-2.4	-5.9	-2148.97	-2.78	0.98	-3.89	-2154.67	228.85	0.00	0.00	0.00
119	189	308	-2.5	-5.9	-2154.88	-1.93	1.67	-3.85	-2158.99	232.59	0.00	0.00	0.00
119	190	309	-2.7	-5.8	-2160.69	-1.18	0.98	-3.81	-2164.70	234.95	0.00	0.00	0.00
119	191	310	-2.8	-5.7	-2166.41	-0.59	1.67	-3.77	-2169.10	238.63	0.00	0.00	0.00
119	192	311	-3.0	-5.6	-2172.03	-0.08	0.98	-3.73	-2174.87	240.93	0.00	0.00	0.00
119	193	312	-3.2	-5.5	-2177.57	0.43	1.66	-3.69	-2179.17	244.70	0.00	0.00	0.00
119	194	313	-3.3	-5.4	-2183.01	0.77	0.98	-3.66	-2184.92	247.03	0.00	0.00	0.00
119	195	314	-3.5	-5.3	-2188.36	-5.33	1.66	-3.62	-2195.65	244.37	0.00	0.00	0.00
119	196	315	-3.6	-5.2	-2193.62	-5.31	0.98	-3.58	-2201.54	246.55	0.00	0.00	0.00
119	197	316	-3.8	-5.1	-2198.80	-5.53	1.66	-3.55	-2206.21	249.94	0.00	0.00	0.00
119	198	317	-3.9	-5.0	-2203.88	-1.99	0.98	-3.51	-2208.41	255.82	0.00	0.00	0.00
119	199	318	-4.1	-5.0	-2208.88	-1.93	1.66	-3.48	-2212.63	259.67	0.00	0.00	0.00
119	200	319	-4.2	-4.9	-2213.80	-1.96	0.98	-3.44	-2218.22	262.15	0.00	0.00	0.00
119	201	320	-4.4	-4.8	-2218.62	-2.15	1.65	-3.41	-2222.53	265.92	0.00	0.00	0.00
119	202	321	-4.5	-4.7	-2223.37	-2.04	0.98	-3.38	-2227.81	268.71	0.00	0.00	0.00
119	203	322	-4.7	-4.6	-2228.03	-2.18	1.65	-3.34	-2231.90	272.69	0.00	0.00	0.00
119	204	323	-4.8	-4.5	-2232.61	-1.86	0.98	-3.31	-2236.80	275.85	0.00	0.00	0.00
119	205	324	-5.0	-4.5	-2237.11	-1.76	1.65	-3.28	-2240.50	280.23	0.00	0.00	0.00
119	206	325	-5.1	-4.4	-2241.52	-1.39	0.98	-3.25	-2245.18	283.62	0.00	0.00	0.00
119	207	326	-5.3	-4.3	-2245.86	-1.43	1.65	-3.22	-2248.86	288.02	0.00	0.00	0.00
119	208	327	-5.4	-4.2	-2250.11	-1.13	0.98	-3.19	-2253.46	291.49	0.00	0.00	0.00
119	209	328	-5.5	-4.1	-2254.29	-1.29	1.65	-3.16	-2257.09	295.92	0.00	0.00	0.00
119	210	329	-5.7	-4.1	-2258.39	-1.10	0.98	-3.13	-2261.64	299.44	0.00	0.00	0.00
119	211	330	-5.8	-4.0	-2262.41	-3.10	1.64	-3.10	-2266.97	302.19	0.00	0.00	0.00
119	212	331	-6.0	-3.9	-2266.36	-3.00	0.98	-3.07	-2271.46	305.77	0.00	0.00	0.00
119	213	332	-6.1	-3.8	-2270.23	-3.21	1.64	-3.04	-2274.84	310.46	0.00	0.00	0.00
119	214	333	-6.3	-3.8	-2274.03	-1.15	0.98	-3.02	-2277.22	316.16	0.00	0.00	0.00
119	215	334	-6.4	-3.7	-2277.75	-1.57	1.64	-2.99	-2280.67	320.78	0.00	0.00	0.00
119	216	335	-6.5	-3.6	-2281.40	-1.66	0.98	-2.96	-2285.04	324.47	0.00	0.00	0.00
119	217	336	-6.7	-3.5	-2284.97	-2.18	1.64	-2.94	-2288.45	329.14	0.00	0.00	0.00

119	218	337	-6.8	-3.5	-2288.47	-2.50	0.98	-2.91	-2292.91	332.75	0.00	0.00	0.00
119	219	338	-6.9	-3.4	-2291.91	-3.03	1.64	-2.89	-2296.19	337.54	0.00	0.00	0.00
119	220	339	-7.1	-3.3	-2295.27	-3.34	0.98	-2.86	-2300.49	341.31	0.00	0.00	0.00
120	167	287	1.5	-8.4	-1999.92	-5.53	0.87	-5.03	-2009.60	211.68	0.00	0.00	0.00
120	168	288	1.4	-8.2	-2008.23	-5.68	0.00	-4.97	-2018.87	210.48	0.00	0.00	0.00
120	169	289	1.2	-8.1	-2016.42	-6.02	0.87	-4.91	-2026.48	210.94	0.00	0.00	0.00
120	170	290	1.0	-8.0	-2024.49	-6.12	0.00	-4.85	-2035.46	210.03	0.00	0.00	0.00
120	171	291	0.8	-7.9	-2032.45	-6.37	0.86	-4.79	-2042.75	210.81	0.00	0.00	0.00
120	172	292	0.7	-7.8	-2040.30	-6.30	0.00	-4.73	-2051.33	210.30	0.00	0.00	0.00
120	173	293	0.5	-7.7	-2048.03	-6.81	0.86	-4.68	-2058.66	211.05	0.00	0.00	0.00
120	174	294	0.3	-7.6	-2055.65	-6.92	0.00	-4.62	-2067.19	210.58	0.00	0.00	0.00
120	175	295	0.1	-7.4	-2063.16	-7.25	0.86	-4.57	-2074.12	211.73	0.00	0.00	0.00
120	176	296	0.0	-7.3	-2070.56	-6.77	0.00	-4.52	-2081.85	212.07	0.00	0.00	0.00
120	177	297	-0.2	-7.2	-2077.85	-7.09	0.85	-4.47	-2088.55	213.44	0.00	0.00	0.00
120	178	298	-0.4	-7.1	-2085.03	-7.02	0.00	-4.42	-2096.47	213.60	0.00	0.00	0.00
120	179	299	-0.5	-7.0	-2092.11	-7.36	0.85	-4.37	-2102.98	215.15	0.00	0.00	0.00
120	180	300	-0.7	-6.9	-2099.08	-6.95	0.00	-4.32	-2110.34	215.86	0.00	0.00	0.00
120	181	301	-0.9	-6.8	-2105.94	-6.92	0.85	-4.27	-2116.28	218.00	0.00	0.00	0.00
120	182	302	-1.0	-6.7	-2112.70	-6.31	0.00	-4.22	-2123.24	219.11	0.00	0.00	0.00
120	183	303	-1.2	-6.6	-2119.36	-6.08	0.85	-4.18	-2128.77	221.65	0.00	0.00	0.00
120	184	304	-1.4	-6.5	-2125.92	-5.37	0.00	-4.13	-2135.42	223.07	0.00	0.00	0.00
120	185	305	-1.5	-6.4	-2132.38	-4.39	0.84	-4.09	-2140.01	226.55	0.00	0.00	0.00
120	186	306	-1.7	-6.3	-2138.74	-3.79	0.00	-4.04	-2146.57	228.07	0.00	0.00	0.00
120	187	307	-1.8	-6.2	-2145.00	-2.71	0.84	-4.00	-2150.87	231.84	0.00	0.00	0.00
120	188	308	-2.0	-6.1	-2151.16	-1.93	0.00	-3.96	-2157.04	233.73	0.00	0.00	0.00
120	189	309	-2.2	-6.0	-2157.22	-1.25	0.84	-3.91	-2161.55	237.30	0.00	0.00	0.00
120	190	310	-2.3	-5.9	-2163.19	-0.51	0.00	-3.87	-2167.58	239.34	0.00	0.00	0.00
120	191	311	-2.5	-5.8	-2169.07	0.00	0.83	-3.83	-2172.07	242.92	0.00	0.00	0.00
120	192	312	-2.6	-5.7	-2174.85	0.43	0.00	-3.79	-2178.22	244.85	0.00	0.00	0.00
120	193	313	-2.8	-5.6	-2180.54	0.80	0.83	-3.75	-2182.66	248.47	0.00	0.00	0.00
120	194	314	-2.9	-5.5	-2186.14	1.09	0.00	-3.72	-2188.76	250.44	0.00	0.00	0.00
120	195	315	-3.1	-5.5	-2191.64	-5.50	0.83	-3.68	-2199.99	247.28	0.00	0.00	0.00
120	196	316	-3.2	-5.4	-2197.06	-5.49	0.00	-3.64	-2206.19	249.16	0.00	0.00	0.00
120	197	317	-3.4	-5.3	-2202.39	-5.71	0.82	-3.61	-2210.88	252.54	0.00	0.00	0.00
120	198	318	-3.6	-5.2	-2207.63	-5.53	0.00	-3.57	-2216.72	254.77	0.00	0.00	0.00
120	199	319	-3.7	-5.1	-2212.78	-1.98	0.82	-3.53	-2217.47	262.10	0.00	0.00	0.00
120	200	320	-3.9	-5.0	-2217.84	-1.91	0.00	-3.50	-2223.25	264.39	0.00	0.00	0.00
120	201	321	-4.0	-4.9	-2222.82	-2.19	0.82	-3.47	-2227.65	268.05	0.00	0.00	0.00
120	202	322	-4.2	-4.8	-2227.71	-2.09	0.00	-3.43	-2233.23	270.54	0.00	0.00	0.00
120	203	323	-4.3	-4.8	-2232.52	-2.22	0.82	-3.40	-2237.32	274.53	0.00	0.00	0.00
120	204	324	-4.5	-4.7	-2237.25	-1.85	0.00	-3.37	-2242.46	277.46	0.00	0.00	0.00
120	205	325	-4.6	-4.6	-2241.89	-1.78	0.81	-3.33	-2246.19	281.80	0.00	0.00	0.00
120	206	326	-4.7	-4.5	-2246.45	-1.43	0.00	-3.30	-2251.19	284.88	0.00	0.00	0.00
120	207	327	-4.9	-4.4	-2250.94	-1.46	0.81	-3.27	-2254.85	289.28	0.00	0.00	0.00
120	208	328	-5.0	-4.4	-2255.34	-1.17	0.00	-3.24	-2259.75	292.46	0.00	0.00	0.00
120	209	329	-5.2	-4.3	-2259.66	-1.30	0.81	-3.21	-2263.36	296.92	0.00	0.00	0.00
120	210	330	-5.3	-4.2	-2263.90	-1.00	0.00	-3.18	-2268.08	300.27	0.00	0.00	0.00
120	211	331	-5.5	-4.1	-2268.07	-1.23	0.81	-3.15	-2271.64	304.78	0.00	0.00	0.00
120	212	332	-5.6	-4.0	-2272.15	-1.04	0.00	-3.12	-2276.32	308.17	0.00	0.00	0.00
120	213	333	-5.8	-4.0	-2276.17	-3.22	0.80	-3.09	-2281.68	310.89	0.00	0.00	0.00
120	214	334	-5.9	-3.9	-2280.10	-0.83	0.00	-3.07	-2284.00	316.64	0.00	0.00	0.00
120	215	335	-6.0	-3.8	-2283.96	-0.92	0.80	-3.04	-2287.12	321.58	0.00	0.00	0.00
120	216	336	-6.2	-3.7	-2287.75	-1.16	0.00	-3.01	-2291.92	324.86	0.00	0.00	0.00
120	217	337	-6.3	-3.7	-2291.46	-1.56	0.80	-2.99	-2295.21	329.64	0.00	0.00	0.00
120	218	338	-6.4	-3.6	-2295.11	-1.87	0.00	-2.96	-2299.93	332.99	0.00	0.00	0.00
120	219	339	-6.6	-3.5	-2298.67	-2.41	0.80	-2.93	-2303.22	337.77	0.00	0.00	0.00
121	169	290	1.5	-8.3	-2015.06	-5.87	1.69	-4.99	-2024.23	220.45	0.00	0.00	0.00
121	170	291	1.4	-8.2	-2023.31	-5.98	0.97	-4.93	-2033.25	219.50	0.00	0.00	0.00
121	171	292	1.2	-8.1	-2031.44	-6.30	1.69	-4.87	-2040.93	219.89	0.00	0.00	0.00
121	172	293	1.0	-8.0	-2039.46	-6.24	0.97	-4.81	-2049.55	219.35	0.00	0.00	0.00
121	173	294	0.9	-7.8	-2047.37	-6.57	1.68	-4.76	-2057.01	219.96	0.00	0.00	0.00
121	174	295	0.7	-7.7	-2055.16	-6.50	0.97	-4.70	-2065.39	219.65	0.00	0.00	0.00
121	175	296	0.5	-7.6	-2062.83	-6.80	1.68	-4.65	-2072.60	220.51	0.00	0.00	0.00
121	176	297	0.3	-7.5	-2070.40	-6.54	0.97	-4.59	-2080.57	220.62	0.00	0.00	0.00
121	177	298	0.2	-7.4	-2077.86	-6.75	1.68	-4.54	-2087.48	221.78	0.00	0.00	0.00
121	178	299	0.0	-7.3	-2085.21	-6.73	0.97	-4.49	-2095.46	221.86	0.00	0.00	0.00

121	179	300	-0.2	-7.2-2092.45	-7.11	1.67	-4.44-2102.33	223.07	0.00	0.00	0.00
121	180	301	-0.3	-7.1-2099.59	-6.75	0.97	-4.39-2109.76	223.71	0.00	0.00	0.00
121	181	302	-0.5	-7.0-2106.62	-6.65	1.67	-4.34-2115.94	225.60	0.00	0.00	0.00
121	182	303	-0.7	-6.9-2113.55	-6.02	0.97	-4.29-2122.89	226.72	0.00	0.00	0.00
121	183	304	-0.8	-6.8-2120.37	-5.76	1.67	-4.25-2128.71	228.98	0.00	0.00	0.00
121	184	305	-1.0	-6.7-2127.09	-5.05	0.97	-4.20-2135.37	230.38	0.00	0.00	0.00
121	185	306	-1.1	-6.6-2133.71	-3.80	1.67	-4.15-2140.00	233.83	0.00	0.00	0.00
121	186	307	-1.3	-6.5-2140.23	-3.39	0.97	-4.11-2146.76	235.14	0.00	0.00	0.00
121	187	308	-1.5	-6.4-2146.65	-2.42	1.67	-4.07-2151.47	238.50	0.00	0.00	0.00
121	188	309	-1.6	-6.3-2152.97	-1.69	0.97	-4.02-2157.72	240.32	0.00	0.00	0.00
121	189	310	-1.8	-6.2-2159.20	-1.17	1.66	-3.98-2162.69	243.43	0.00	0.00	0.00
121	190	311	-1.9	-6.1-2165.33	-0.48	0.97	-3.94-2168.78	245.41	0.00	0.00	0.00
121	191	312	-2.1	-6.0-2171.36	-0.09	1.66	-3.90-2173.69	248.57	0.00	0.00	0.00
121	192	313	-2.3	-5.9-2177.30	0.30	0.97	-3.86-2179.89	250.44	0.00	0.00	0.00
121	193	314	-2.4	-5.8-2183.15	0.60	1.66	-3.82-2184.70	253.69	0.00	0.00	0.00
121	194	315	-2.6	-5.7-2188.90	0.86	0.97	-3.78-2190.85	255.62	0.00	0.00	0.00
121	195	316	-2.7	-5.6-2194.56	-5.95	1.66	-3.74-2202.59	251.95	0.00	0.00	0.00
121	196	317	-2.9	-5.5-2200.13	-5.79	0.97	-3.70-2208.65	253.96	0.00	0.00	0.00
121	197	318	-3.0	-5.4-2205.61	-6.13	1.65	-3.66-2213.75	256.93	0.00	0.00	0.00
121	198	319	-3.2	-5.3-2211.00	-5.94	0.97	-3.63-2219.60	259.16	0.00	0.00	0.00
121	199	320	-3.3	-5.3-2216.30	-2.43	1.65	-3.59-2220.67	266.15	0.00	0.00	0.00
121	200	321	-3.5	-5.2-2221.52	-2.30	0.97	-3.56-2226.40	268.49	0.00	0.00	0.00
121	201	322	-3.6	-5.1-2226.65	-2.49	1.65	-3.52-2231.01	271.96	0.00	0.00	0.00
121	202	323	-3.8	-5.0-2231.69	-2.46	0.97	-3.49-2236.67	274.37	0.00	0.00	0.00
121	203	324	-3.9	-4.9-2236.65	-2.47	1.65	-3.45-2240.92	278.19	0.00	0.00	0.00
121	204	325	-4.1	-4.8-2241.52	-2.14	0.97	-3.42-2246.11	281.07	0.00	0.00	0.00
121	205	326	-4.2	-4.7-2246.31	-1.98	1.65	-3.39-2250.04	285.22	0.00	0.00	0.00
121	206	327	-4.4	-4.7-2251.02	-1.67	0.97	-3.36-2255.08	288.25	0.00	0.00	0.00
121	207	328	-4.5	-4.6-2255.65	-1.65	1.64	-3.32-2258.98	292.42	0.00	0.00	0.00
121	208	329	-4.7	-4.5-2260.19	-1.13	0.97	-3.29-2263.65	295.82	0.00	0.00	0.00
121	209	330	-4.8	-4.4-2264.66	-1.47	1.64	-3.26-2267.75	299.79	0.00	0.00	0.00
121	210	331	-5.0	-4.3-2269.05	-1.27	0.97	-3.23-2272.58	303.03	0.00	0.00	0.00
121	211	332	-5.1	-4.3-2273.35	-1.40	1.64	-3.20-2276.32	307.36	0.00	0.00	0.00
121	212	333	-5.2	-4.2-2277.59	-1.22	0.97	-3.17-2281.01	310.75	0.00	0.00	0.00
121	213	334	-5.4	-4.1-2281.74	-3.33	1.64	-3.14-2286.58	313.25	0.00	0.00	0.00
121	214	335	-5.5	-4.0-2285.82	-0.77	0.97	-3.12-2288.73	319.17	0.00	0.00	0.00
121	215	336	-5.7	-4.0-2289.82	-1.04	1.64	-3.09-2292.31	323.66	0.00	0.00	0.00
121	216	337	-5.8	-3.9-2293.74	-0.87	0.97	-3.06-2296.70	327.34	0.00	0.00	0.00
121	217	338	-5.9	-3.8-2297.60	-1.35	1.63	-3.03-2300.35	331.77	0.00	0.00	0.00
121	218	339	-6.1	-3.7-2301.37	-1.49	0.97	-3.01-2304.90	335.28	0.00	0.00	0.00
122	172	294	1.4	-8.1-2038.26	-5.67	0.00	-4.90-2048.83	227.33	0.00	0.00	0.00
122	173	295	1.2	-8.0-2046.34	-5.92	0.86	-4.84-2056.23	228.00	0.00	0.00	0.00
122	174	296	1.0	-7.9-2054.30	-5.76	0.00	-4.78-2064.84	227.46	0.00	0.00	0.00
122	175	297	0.9	-7.8-2062.15	-5.84	0.86	-4.73-2071.85	228.52	0.00	0.00	0.00
122	176	298	0.7	-7.7-2069.88	-5.73	0.00	-4.67-2080.29	228.16	0.00	0.00	0.00
122	177	299	0.5	-7.6-2077.51	-5.85	0.85	-4.62-2087.12	229.39	0.00	0.00	0.00
122	178	300	0.4	-7.5-2085.03	-6.27	0.00	-4.57-2095.86	228.72	0.00	0.00	0.00
122	179	301	0.2	-7.4-2092.44	-6.56	0.85	-4.51-2102.66	230.00	0.00	0.00	0.00
122	180	302	0.0	-7.2-2099.74	-6.21	0.00	-4.46-2110.41	230.32	0.00	0.00	0.00
122	181	303	-0.1	-7.1-2106.94	-5.77	0.85	-4.41-2116.27	232.53	0.00	0.00	0.00
122	182	304	-0.3	-7.0-2114.03	-5.14	0.00	-4.37-2123.53	233.34	0.00	0.00	0.00
122	183	305	-0.5	-6.9-2121.01	-4.88	0.85	-4.32-2129.37	235.58	0.00	0.00	0.00
122	184	306	-0.6	-6.8-2127.90	-4.16	0.00	-4.27-2136.33	236.69	0.00	0.00	0.00
122	185	307	-0.8	-6.7-2134.68	-3.13	0.84	-4.22-2141.19	239.90	0.00	0.00	0.00
122	186	308	-0.9	-6.6-2141.36	-2.44	0.00	-4.18-2147.98	241.18	0.00	0.00	0.00
122	187	309	-1.1	-6.5-2147.94	-1.73	0.84	-4.13-2152.97	244.26	0.00	0.00	0.00
122	188	310	-1.3	-6.4-2154.43	-0.95	0.00	-4.09-2159.46	245.84	0.00	0.00	0.00
122	189	311	-1.4	-6.3-2160.81	-0.59	0.84	-4.05-2164.61	248.76	0.00	0.00	0.00
122	190	312	-1.6	-6.2-2167.10	0.00	0.00	-4.00-2171.10	250.34	0.00	0.00	0.00
122	191	313	-1.7	-6.1-2173.29	0.33	0.83	-3.96-2176.08	253.43	0.00	0.00	0.00
122	192	314	-1.9	-6.0-2179.38	0.66	0.00	-3.92-2182.64	254.94	0.00	0.00	0.00
122	193	315	-2.1	-6.0-2185.39	0.88	0.83	-3.88-2187.56	258.10	0.00	0.00	0.00
122	194	316	-2.2	-5.9-2191.29	1.10	0.00	-3.84-2194.03	259.70	0.00	0.00	0.00
122	195	317	-2.4	-5.8-2197.11	-6.16	0.83	-3.80-2206.24	255.56	0.00	0.00	0.00
122	196	318	-2.5	-5.7-2202.83	-6.13	0.00	-3.76-2212.72	257.15	0.00	0.00	0.00
122	197	319	-2.7	-5.6-2208.46	-6.33	0.82	-3.73-2217.70	260.25	0.00	0.00	0.00

122	198	320	-2.8	-5.5	-2214.01	-6.14	0.00	-3.69	-2223.84	262.18	0.00	0.00	0.00
122	199	321	-3.0	-5.4	-2219.46	-6.34	0.82	-3.65	-2228.63	265.46	0.00	0.00	0.00
122	200	322	-3.1	-5.3	-2224.83	-2.38	0.00	-3.62	-2230.83	271.33	0.00	0.00	0.00
122	201	323	-3.3	-5.2	-2230.11	-2.57	0.82	-3.58	-2235.44	274.79	0.00	0.00	0.00
122	202	324	-3.4	-5.1	-2235.30	-2.56	0.00	-3.55	-2241.41	276.90	0.00	0.00	0.00
122	203	325	-3.6	-5.1	-2240.41	-2.57	0.82	-3.51	-2245.67	280.70	0.00	0.00	0.00
122	204	326	-3.7	-5.0	-2245.43	-2.24	0.00	-3.48	-2251.15	283.30	0.00	0.00	0.00
122	205	327	-3.9	-4.9	-2250.37	-2.10	0.81	-3.44	-2255.10	287.42	0.00	0.00	0.00
122	206	328	-4.0	-4.8	-2255.22	-1.75	0.00	-3.41	-2260.39	290.20	0.00	0.00	0.00
122	207	329	-4.2	-4.7	-2260.00	-1.75	0.81	-3.38	-2264.31	294.34	0.00	0.00	0.00
122	208	330	-4.3	-4.6	-2264.69	-1.45	0.00	-3.35	-2269.49	297.25	0.00	0.00	0.00
122	209	331	-4.5	-4.6	-2269.30	-1.54	0.81	-3.32	-2273.35	301.46	0.00	0.00	0.00
122	210	332	-4.6	-4.5	-2273.83	-1.34	0.00	-3.28	-2278.46	304.42	0.00	0.00	0.00
122	211	333	-4.7	-4.4	-2278.28	-1.48	0.81	-3.25	-2282.21	308.74	0.00	0.00	0.00
122	212	334	-4.9	-4.3	-2282.65	-1.27	0.00	-3.22	-2287.15	311.87	0.00	0.00	0.00
122	213	335	-5.0	-4.3	-2286.95	-1.25	0.80	-3.20	-2290.59	316.50	0.00	0.00	0.00
122	214	336	-5.2	-4.2	-2291.17	-0.57	0.00	-3.17	-2294.90	320.26	0.00	0.00	0.00
122	215	337	-5.3	-4.1	-2295.31	-0.81	0.80	-3.14	-2298.45	324.78	0.00	0.00	0.00
122	216	338	-5.4	-4.0	-2299.37	-0.81	0.00	-3.11	-2303.29	328.01	0.00	0.00	0.00
122	217	339	-5.6	-3.9	-2303.36	-0.96	0.80	-3.08	-2306.61	332.77	0.00	0.00	0.00
123	174	297	1.4	-8.1	-2053.07	-5.59	0.97	-4.86	-2062.56	237.00	0.00	0.00	0.00
123	175	298	1.2	-8.0	-2061.09	-5.51	1.68	-4.81	-2069.73	237.90	0.00	0.00	0.00
123	176	299	1.1	-7.8	-2069.00	-5.46	0.97	-4.75	-2078.24	237.46	0.00	0.00	0.00
123	177	300	0.9	-7.7	-2076.79	-5.63	1.67	-4.70	-2085.45	238.33	0.00	0.00	0.00
123	178	301	0.7	-7.6	-2084.48	-6.15	0.97	-4.64	-2094.31	237.54	0.00	0.00	0.00
123	179	302	0.6	-7.5	-2092.06	-6.56	1.67	-4.59	-2101.53	238.39	0.00	0.00	0.00
123	180	303	0.4	-7.4	-2099.52	-6.69	0.97	-4.54	-2109.79	238.21	0.00	0.00	0.00
123	181	304	0.2	-7.3	-2106.89	-5.29	1.67	-4.49	-2114.99	241.07	0.00	0.00	0.00
123	182	305	0.1	-7.2	-2114.14	-4.66	0.97	-4.44	-2122.27	241.86	0.00	0.00	0.00
123	183	306	-0.1	-7.1	-2121.29	-4.39	1.67	-4.39	-2128.41	243.80	0.00	0.00	0.00
123	184	307	-0.3	-7.0	-2128.34	-3.62	0.97	-4.34	-2135.34	244.94	0.00	0.00	0.00
123	185	308	-0.4	-6.9	-2135.28	-2.63	1.66	-4.29	-2140.54	247.81	0.00	0.00	0.00
123	186	309	-0.6	-6.8	-2142.13	-1.98	0.97	-4.25	-2147.39	249.03	0.00	0.00	0.00
123	187	310	-0.7	-6.7	-2148.87	-1.44	1.66	-4.20	-2152.85	251.64	0.00	0.00	0.00
123	188	311	-0.9	-6.6	-2155.51	-0.80	0.97	-4.16	-2159.50	253.06	0.00	0.00	0.00
123	189	312	-1.1	-6.5	-2162.05	-0.54	1.66	-4.11	-2165.05	255.59	0.00	0.00	0.00
123	190	313	-1.2	-6.4	-2168.50	-0.01	0.97	-4.07	-2171.61	257.09	0.00	0.00	0.00
123	191	314	-1.4	-6.3	-2174.85	0.27	1.66	-4.03	-2176.95	259.83	0.00	0.00	0.00
123	192	315	-1.5	-6.2	-2181.10	0.56	0.97	-3.99	-2183.56	261.29	0.00	0.00	0.00
123	193	316	-1.7	-6.1	-2187.26	0.75	1.65	-3.94	-2188.80	264.12	0.00	0.00	0.00
123	194	317	-1.8	-6.0	-2193.32	0.96	0.97	-3.90	-2195.30	265.69	0.00	0.00	0.00
123	195	318	-2.0	-5.9	-2199.29	-6.64	1.65	-3.86	-2208.15	260.92	0.00	0.00	0.00
123	196	319	-2.2	-5.8	-2205.17	-6.48	0.97	-3.82	-2214.51	262.62	0.00	0.00	0.00
123	197	320	-2.3	-5.7	-2210.96	-6.80	1.65	-3.79	-2219.90	265.31	0.00	0.00	0.00
123	198	321	-2.5	-5.6	-2216.65	-6.62	0.97	-3.75	-2226.06	267.22	0.00	0.00	0.00
123	199	322	-2.6	-5.6	-2222.26	-6.80	1.65	-3.71	-2231.12	270.23	0.00	0.00	0.00
123	200	323	-2.8	-5.5	-2227.78	-2.85	0.97	-3.67	-2233.34	276.08	0.00	0.00	0.00
123	201	324	-2.9	-5.4	-2233.21	-2.91	1.64	-3.64	-2238.11	279.38	0.00	0.00	0.00
123	202	325	-3.1	-5.3	-2238.55	-2.91	0.97	-3.60	-2244.10	281.47	0.00	0.00	0.00
123	203	326	-3.2	-5.2	-2243.81	-2.93	1.64	-3.57	-2248.66	284.97	0.00	0.00	0.00
123	204	327	-3.4	-5.1	-2248.98	-2.58	0.97	-3.53	-2254.13	287.58	0.00	0.00	0.00
123	205	328	-3.5	-5.0	-2254.06	-2.44	1.64	-3.50	-2258.36	291.42	0.00	0.00	0.00
123	206	329	-3.7	-5.0	-2259.06	-2.10	0.97	-3.47	-2263.67	294.18	0.00	0.00	0.00
123	207	330	-3.8	-4.9	-2263.98	-2.06	1.64	-3.43	-2267.84	298.08	0.00	0.00	0.00
123	208	331	-3.9	-4.8	-2268.82	-1.75	0.97	-3.40	-2273.01	300.99	0.00	0.00	0.00
123	209	332	-4.1	-4.7	-2273.58	-1.78	1.64	-3.37	-2277.09	304.98	0.00	0.00	0.00
123	210	333	-4.2	-4.6	-2278.25	-1.57	0.97	-3.34	-2282.19	307.94	0.00	0.00	0.00
123	211	334	-4.4	-4.6	-2282.85	-1.69	1.63	-3.31	-2286.21	312.00	0.00	0.00	0.00
123	212	335	-4.5	-4.5	-2287.36	-1.51	0.97	-3.28	-2291.18	315.10	0.00	0.00	0.00
123	213	336	-4.7	-4.4	-2291.80	-1.47	1.63	-3.25	-2294.88	319.47	0.00	0.00	0.00
123	214	337	-4.8	-4.3	-2296.16	-0.74	0.97	-3.22	-2299.15	323.27	0.00	0.00	0.00
123	215	338	-4.9	-4.2	-2300.44	-0.87	1.63	-3.19	-2302.87	327.63	0.00	0.00	0.00
123	216	339	-5.1	-4.2	-2304.64	-0.88	0.97	-3.16	-2307.72	330.85	0.00	0.00	0.00
124	176	300	1.4	-8.0	-2067.75	-4.62	0.00	-4.83	-2077.20	245.76	0.00	0.00	0.00
124	177	301	1.3	-7.9	-2075.72	-4.94	0.85	-4.77	-2084.58	246.46	0.00	0.00	0.00
124	178	302	1.1	-7.8	-2083.57	-6.10	0.00	-4.72	-2094.39	244.72	0.00	0.00	0.00

124	179	303	0.9	-7.7-2091.31	-6.53	0.85	-4.67-2101.66	245.53	0.00	0.00	0.00
124	180	304	0.8	-7.6-2098.95	-6.66	0.00	-4.61-2110.22	245.03	0.00	0.00	0.00
124	181	305	0.6	-7.5-2106.47	-7.03	0.85	-4.56-2117.22	246.11	0.00	0.00	0.00
124	182	306	0.4	-7.4-2113.89	-3.68	0.00	-4.51-2122.08	249.31	0.00	0.00	0.00
124	183	307	0.3	-7.3-2121.21	-3.40	0.85	-4.46-2128.22	251.24	0.00	0.00	0.00
124	184	308	0.1	-7.2-2128.42	-2.56	0.00	-4.41-2135.39	252.15	0.00	0.00	0.00
124	185	309	-0.1	-7.1-2135.53	-1.82	0.84	-4.36-2140.87	254.74	0.00	0.00	0.00
124	186	310	-0.2	-6.9-2142.53	-1.15	0.00	-4.32-2148.00	255.69	0.00	0.00	0.00
124	187	311	-0.4	-6.8-2149.43	-0.82	0.84	-4.27-2153.68	258.07	0.00	0.00	0.00
124	188	312	-0.5	-6.7-2156.24	-0.22	0.00	-4.23-2160.68	259.14	0.00	0.00	0.00
124	189	313	-0.7	-6.6-2162.94	-0.03	0.84	-4.18-2166.31	261.59	0.00	0.00	0.00
124	190	314	-0.9	-6.6-2169.54	0.46	0.00	-4.14-2173.22	262.75	0.00	0.00	0.00
124	191	315	-1.0	-6.5-2176.05	0.68	0.83	-4.09-2178.63	265.41	0.00	0.00	0.00
124	192	316	-1.2	-6.4-2182.46	0.92	0.00	-4.05-2185.59	266.52	0.00	0.00	0.00
124	193	317	-1.3	-6.3-2188.77	-5.28	0.83	-4.01-2197.23	262.95	0.00	0.00	0.00
124	194	318	-1.5	-6.2-2194.99	-6.67	0.00	-3.97-2205.63	262.63	0.00	0.00	0.00
124	195	319	-1.6	-6.1-2201.12	-6.88	0.83	-3.93-2211.10	265.23	0.00	0.00	0.00
124	196	320	-1.8	-6.0-2207.15	-6.86	0.00	-3.89-2217.90	266.50	0.00	0.00	0.00
124	197	321	-1.9	-5.9-2213.09	-7.07	0.82	-3.85-2223.18	269.29	0.00	0.00	0.00
124	198	322	-2.1	-5.8-2218.94	-6.89	0.00	-3.81-2229.64	270.90	0.00	0.00	0.00
124	199	323	-2.3	-5.7-2224.70	-7.08	0.82	-3.77-2234.73	273.89	0.00	0.00	0.00
124	200	324	-2.4	-5.6-2230.37	-6.87	0.00	-3.73-2240.97	275.71	0.00	0.00	0.00
124	201	325	-2.6	-5.5-2235.95	-2.99	0.82	-3.70-2241.81	282.94	0.00	0.00	0.00
124	202	326	-2.7	-5.4-2241.44	-2.89	0.00	-3.66-2247.99	284.84	0.00	0.00	0.00
124	203	327	-2.9	-5.4-2246.84	-3.00	0.82	-3.63-2252.65	288.25	0.00	0.00	0.00
124	204	328	-3.0	-5.3-2252.16	-2.64	0.00	-3.59-2258.39	290.58	0.00	0.00	0.00
124	205	329	-3.1	-5.2-2257.40	-2.53	0.81	-3.56-2262.67	294.37	0.00	0.00	0.00
124	206	330	-3.3	-5.1-2262.54	-2.18	0.00	-3.52-2268.25	296.86	0.00	0.00	0.00
124	207	331	-3.4	-5.0-2267.61	-2.19	0.81	-3.49-2272.48	300.71	0.00	0.00	0.00
124	208	332	-3.6	-4.9-2272.59	-1.86	0.00	-3.46-2277.91	303.35	0.00	0.00	0.00
124	209	333	-3.7	-4.9-2277.49	-1.91	0.81	-3.42-2282.02	307.31	0.00	0.00	0.00
124	210	334	-3.9	-4.8-2282.31	-1.70	0.00	-3.39-2287.40	309.99	0.00	0.00	0.00
124	211	335	-4.0	-4.7-2287.05	-1.82	0.81	-3.36-2291.42	314.05	0.00	0.00	0.00
124	212	336	-4.2	-4.6-2291.71	-1.66	0.00	-3.33-2296.70	316.84	0.00	0.00	0.00
124	213	337	-4.3	-4.5-2296.29	-1.60	0.80	-3.30-2300.38	321.23	0.00	0.00	0.00
124	214	338	-4.4	-4.5-2300.79	-1.78	0.00	-3.27-2305.84	323.85	0.00	0.00	0.00
124	215	339	-4.6	-4.4-2305.21	-0.77	0.80	-3.24-2308.42	329.34	0.00	0.00	0.00
125	178	303	1.5	-8.0-2082.30	-6.61	0.96	-4.80-2092.75	253.62	0.00	0.00	0.00
125	179	304	1.3	-7.9-2090.21	-6.97	1.67	-4.74-2100.26	254.19	0.00	0.00	0.00
125	180	305	1.1	-7.7-2098.01	-7.17	0.96	-4.69-2108.91	253.61	0.00	0.00	0.00
125	181	306	1.0	-7.6-2105.70	-3.64	1.66	-4.64-2112.32	258.27	0.00	0.00	0.00
125	182	307	0.8	-7.5-2113.29	-2.96	0.96	-4.58-2119.87	258.79	0.00	0.00	0.00
125	183	308	0.6	-7.4-2120.77	-2.59	1.66	-4.53-2126.23	260.50	0.00	0.00	0.00
125	184	309	0.5	-7.3-2128.14	-1.74	0.96	-4.48-2133.40	261.40	0.00	0.00	0.00
125	185	310	0.3	-7.2-2135.41	-1.15	1.66	-4.44-2139.33	263.54	0.00	0.00	0.00
125	186	311	0.1	-7.1-2142.57	-0.36	0.96	-4.39-2146.36	264.58	0.00	0.00	0.00
125	187	312	0.0	-7.0-2149.64	-0.37	1.66	-4.34-2152.69	266.32	0.00	0.00	0.00
125	188	313	-0.2	-6.9-2156.60	0.10	0.96	-4.29-2159.83	267.25	0.00	0.00	0.00
125	189	314	-0.3	-6.8-2163.46	0.24	1.65	-4.25-2165.82	269.34	0.00	0.00	0.00
125	190	315	-0.5	-6.7-2170.22	0.68	0.96	-4.20-2172.79	270.44	0.00	0.00	0.00
125	191	316	-0.7	-6.6-2176.89	0.79	1.65	-4.16-2178.61	272.69	0.00	0.00	0.00
125	192	317	-0.8	-6.5-2183.45	1.09	0.96	-4.12-2185.52	273.85	0.00	0.00	0.00
125	193	318	-1.0	-6.4-2189.93	-5.89	1.65	-4.07-2198.24	269.20	0.00	0.00	0.00
125	194	319	-1.1	-6.3-2196.30	-7.19	0.96	-4.03-2206.56	268.95	0.00	0.00	0.00
125	195	320	-1.3	-6.2-2202.58	-7.39	1.65	-3.99-2212.31	271.27	0.00	0.00	0.00
125	196	321	-1.4	-6.1-2208.77	-7.26	0.96	-3.95-2219.02	272.64	0.00	0.00	0.00
125	197	322	-1.6	-6.0-2214.86	-7.60	1.64	-3.91-2224.73	275.00	0.00	0.00	0.00
125	198	323	-1.7	-6.0-2220.86	-7.43	0.96	-3.87-2231.20	276.60	0.00	0.00	0.00
125	199	324	-1.9	-5.9-2226.77	-7.61	1.64	-3.83-2236.57	279.30	0.00	0.00	0.00
125	200	325	-2.0	-5.8-2232.59	-7.40	0.96	-3.79-2242.83	281.12	0.00	0.00	0.00
125	201	326	-2.2	-5.7-2238.32	-3.35	1.64	-3.76-2243.79	288.22	0.00	0.00	0.00
125	202	327	-2.3	-5.6-2243.97	-7.09	0.96	-3.72-2253.82	286.27	0.00	0.00	0.00
125	203	328	-2.5	-5.5-2249.52	-3.38	1.64	-3.68-2254.95	293.21	0.00	0.00	0.00
125	204	329	-2.6	-5.4-2254.99	-3.02	0.96	-3.65-2260.70	295.53	0.00	0.00	0.00
125	205	330	-2.8	-5.3-2260.37	-2.89	1.64	-3.61-2265.24	299.06	0.00	0.00	0.00
125	206	331	-2.9	-5.2-2265.67	-2.62	0.96	-3.58-2270.90	301.47	0.00	0.00	0.00

125	207	332	-3.1	-5.2	-2270.88	-2.55	1.63	-3.54	-2275.34	305.11	0.00	0.00	0.00
125	208	333	-3.2	-5.1	-2276.01	-2.32	0.96	-3.51	-2280.88	307.64	0.00	0.00	0.00
125	209	334	-3.4	-5.0	-2281.05	-2.25	1.63	-3.48	-2285.15	311.44	0.00	0.00	0.00
125	210	335	-3.5	-4.9	-2286.01	-2.02	0.96	-3.44	-2290.52	314.14	0.00	0.00	0.00
125	211	336	-3.7	-4.8	-2290.90	-2.11	1.63	-3.41	-2294.79	317.94	0.00	0.00	0.00
125	212	337	-3.8	-4.8	-2295.70	-1.95	0.96	-3.38	-2300.07	320.73	0.00	0.00	0.00
125	213	338	-3.9	-4.7	-2300.42	-1.91	1.63	-3.35	-2304.05	324.82	0.00	0.00	0.00
125	214	339	-4.1	-4.6	-2305.06	-1.90	0.96	-3.32	-2309.32	327.62	0.00	0.00	0.00
126	180	306	1.5	-7.9	-2096.72	-7.21	0.00	-4.77	-2108.69	261.08	0.00	0.00	0.00
126	181	307	1.3	-7.8	-2104.57	-7.58	0.85	-4.71	-2116.02	261.83	0.00	0.00	0.00
126	182	308	1.1	-7.7	-2112.32	-1.91	0.00	-4.66	-2118.89	267.03	0.00	0.00	0.00
126	183	309	1.0	-7.6	-2119.96	-1.57	0.85	-4.61	-2125.30	268.69	0.00	0.00	0.00
126	184	310	0.8	-7.5	-2127.50	-1.01	0.00	-4.56	-2133.07	268.99	0.00	0.00	0.00
126	185	311	0.7	-7.4	-2134.93	-0.54	0.84	-4.51	-2139.14	271.00	0.00	0.00	0.00
126	186	312	0.5	-7.3	-2142.26	-0.14	0.00	-4.46	-2146.86	271.35	0.00	0.00	0.00
126	187	313	0.3	-7.2	-2149.48	0.16	0.84	-4.41	-2152.89	273.38	0.00	0.00	0.00
126	188	314	0.2	-7.1	-2156.60	0.68	0.00	-4.36	-2160.29	274.06	0.00	0.00	0.00
126	189	315	0.0	-7.0	-2163.63	0.76	0.84	-4.32	-2166.35	276.07	0.00	0.00	0.00
126	190	316	-0.1	-6.9	-2170.55	1.18	0.00	-4.27	-2173.64	276.85	0.00	0.00	0.00
126	191	317	-0.3	-6.8	-2177.37	1.21	0.83	-4.23	-2179.55	279.01	0.00	0.00	0.00
126	192	318	-0.5	-6.7	-2184.09	1.52	0.00	-4.18	-2186.76	279.88	0.00	0.00	0.00
126	193	319	-0.6	-6.6	-2190.72	-6.14	0.83	-4.14	-2200.17	274.54	0.00	0.00	0.00
126	194	320	-0.8	-6.5	-2197.25	-5.60	0.00	-4.10	-2206.95	275.83	0.00	0.00	0.00
126	195	321	-0.9	-6.4	-2203.69	-7.66	0.83	-4.05	-2214.57	276.27	0.00	0.00	0.00
126	196	322	-1.1	-6.3	-2210.03	-7.67	0.00	-4.01	-2221.71	277.21	0.00	0.00	0.00
126	197	323	-1.2	-6.2	-2216.27	-7.91	0.82	-3.97	-2227.33	279.66	0.00	0.00	0.00
126	198	324	-1.4	-6.1	-2222.43	-7.76	0.00	-3.93	-2234.12	280.94	0.00	0.00	0.00
126	199	325	-1.5	-6.0	-2228.49	-7.96	0.82	-3.89	-2239.52	283.61	0.00	0.00	0.00
126	200	326	-1.7	-5.9	-2234.46	-7.75	0.00	-3.85	-2246.07	285.14	0.00	0.00	0.00
126	201	327	-1.8	-5.8	-2240.34	-3.44	0.82	-3.82	-2246.78	292.49	0.00	0.00	0.00
126	202	328	-2.0	-5.7	-2246.14	-3.35	0.00	-3.78	-2253.27	294.08	0.00	0.00	0.00
126	203	329	-2.1	-5.7	-2251.84	-3.44	0.82	-3.74	-2258.21	297.21	0.00	0.00	0.00
126	204	330	-2.3	-5.6	-2257.46	-3.11	0.00	-3.71	-2264.27	299.22	0.00	0.00	0.00
126	205	331	-2.4	-5.5	-2262.99	-2.99	0.81	-3.67	-2268.83	302.73	0.00	0.00	0.00
126	206	332	-2.6	-5.4	-2268.43	-2.66	0.00	-3.63	-2274.72	304.91	0.00	0.00	0.00
126	207	333	-2.7	-5.3	-2273.79	-2.66	0.81	-3.60	-2279.24	308.47	0.00	0.00	0.00
126	208	334	-2.9	-5.2	-2279.06	-2.29	0.00	-3.57	-2284.92	310.86	0.00	0.00	0.00
126	209	335	-3.0	-5.1	-2284.25	-2.40	0.81	-3.53	-2289.38	314.47	0.00	0.00	0.00
126	210	336	-3.2	-5.1	-2289.36	-2.17	0.00	-3.50	-2295.03	316.89	0.00	0.00	0.00
126	211	337	-3.3	-5.0	-2294.38	-2.28	0.81	-3.47	-2299.33	320.66	0.00	0.00	0.00
126	212	338	-3.5	-4.9	-2299.33	-2.11	0.00	-3.43	-2304.87	323.19	0.00	0.00	0.00
126	213	339	-3.6	-4.8	-2304.19	-2.03	0.80	-3.40	-2308.82	327.31	0.00	0.00	0.00
127	183	310	1.3	-7.7	-2118.81	-0.75	1.66	-4.68	-2122.58	278.67	0.00	0.00	0.00
127	184	311	1.2	-7.6	-2126.51	-0.26	0.95	-4.63	-2130.44	278.88	0.00	0.00	0.00
127	185	312	1.0	-7.5	-2134.10	0.06	1.65	-4.58	-2136.97	280.43	0.00	0.00	0.00
127	186	313	0.9	-7.4	-2141.59	0.38	0.95	-4.53	-2144.78	280.68	0.00	0.00	0.00
127	187	314	0.7	-7.3	-2148.97	0.65	1.65	-4.48	-2151.15	282.38	0.00	0.00	0.00
127	188	315	0.5	-7.2	-2156.25	0.99	0.95	-4.43	-2158.74	282.87	0.00	0.00	0.00
127	189	316	0.4	-7.1	-2163.44	1.16	1.65	-4.39	-2165.01	284.67	0.00	0.00	0.00
127	190	317	0.2	-7.0	-2170.51	1.54	0.95	-4.34	-2172.36	285.39	0.00	0.00	0.00
127	191	318	0.1	-6.9	-2177.49	-7.44	1.65	-4.29	-2187.58	278.24	0.00	0.00	0.00
127	192	319	-0.1	-6.8	-2184.38	-7.01	0.95	-4.25	-2194.68	279.21	0.00	0.00	0.00
127	193	320	-0.3	-6.7	-2191.16	-6.71	1.64	-4.21	-2200.43	281.54	0.00	0.00	0.00
127	194	321	-0.4	-6.6	-2197.85	-6.16	0.95	-4.16	-2207.21	282.82	0.00	0.00	0.00
127	195	322	-0.6	-6.5	-2204.44	-8.18	1.64	-4.12	-2215.09	283.01	0.00	0.00	0.00
127	196	323	-0.7	-6.4	-2210.93	-8.21	0.95	-4.08	-2222.26	283.92	0.00	0.00	0.00
127	197	324	-0.9	-6.3	-2217.33	-8.44	1.64	-4.04	-2228.17	286.08	0.00	0.00	0.00
127	198	325	-1.0	-6.3	-2223.64	-8.29	0.95	-4.00	-2234.97	287.35	0.00	0.00	0.00
127	199	326	-1.2	-6.2	-2229.85	-8.46	1.64	-3.95	-2240.63	289.76	0.00	0.00	0.00
127	200	327	-1.3	-6.1	-2235.98	-8.27	0.95	-3.92	-2247.21	291.26	0.00	0.00	0.00
127	201	328	-1.5	-6.0	-2242.01	-8.31	1.64	-3.88	-2252.56	293.98	0.00	0.00	0.00
127	202	329	-1.6	-5.9	-2247.95	-7.94	0.95	-3.84	-2258.78	295.83	0.00	0.00	0.00
127	203	330	-1.8	-5.8	-2253.80	-3.81	1.63	-3.80	-2259.78	302.90	0.00	0.00	0.00
127	204	331	-1.9	-5.7	-2259.57	-3.48	0.95	-3.76	-2265.86	304.89	0.00	0.00	0.00
127	205	332	-2.1	-5.6	-2265.25	-3.37	1.63	-3.73	-2270.72	308.11	0.00	0.00	0.00
127	206	333	-2.2	-5.5	-2270.84	-3.04	0.95	-3.69	-2276.62	310.28	0.00	0.00	0.00

127	207	334	-2.4	-5.5	-2276.34	-3.01	1.63	-3.66	-2281.38	313.58	0.00	0.00	0.00
127	208	335	-2.5	-5.4	-2281.76	-2.78	0.95	-3.62	-2287.21	315.83	0.00	0.00	0.00
127	209	336	-2.7	-5.3	-2287.10	-2.83	1.63	-3.59	-2291.89	319.22	0.00	0.00	0.00
127	210	337	-2.8	-5.2	-2292.35	-2.61	0.95	-3.55	-2297.56	321.62	0.00	0.00	0.00
127	211	338	-3.0	-5.1	-2297.52	-2.65	1.63	-3.52	-2302.07	325.18	0.00	0.00	0.00
127	212	339	-3.1	-5.0	-2302.61	-2.48	0.95	-3.49	-2307.62	327.70	0.00	0.00	0.00
128	185	313	1.4	-7.7	-2132.91	0.50	0.84	-4.65	-2136.23	288.43	0.00	0.00	0.00
128	186	314	1.2	-7.6	-2140.56	0.94	0.00	-4.60	-2144.23	288.50	0.00	0.00	0.00
128	187	315	1.0	-7.5	-2148.11	1.05	0.84	-4.55	-2150.77	290.02	0.00	0.00	0.00
128	188	316	0.9	-7.4	-2155.55	1.52	0.00	-4.50	-2158.53	290.33	0.00	0.00	0.00
128	189	317	0.7	-7.3	-2162.89	1.52	0.84	-4.46	-2164.99	291.95	0.00	0.00	0.00
128	190	318	0.6	-7.2	-2170.13	1.89	0.00	-4.41	-2172.65	292.36	0.00	0.00	0.00
128	191	319	0.4	-7.1	-2177.27	-7.56	0.83	-4.36	-2188.35	284.73	0.00	0.00	0.00
128	192	320	0.3	-7.0	-2184.30	-7.07	0.00	-4.32	-2195.69	285.46	0.00	0.00	0.00
128	193	321	0.1	-6.9	-2191.24	-6.83	0.83	-4.27	-2201.51	287.71	0.00	0.00	0.00
128	194	322	-0.1	-6.8	-2198.09	-6.27	0.00	-4.23	-2208.58	288.71	0.00	0.00	0.00
128	195	323	-0.2	-6.7	-2204.83	-5.86	0.83	-4.18	-2214.05	291.32	0.00	0.00	0.00
128	196	324	-0.4	-6.6	-2211.48	-8.53	0.00	-4.14	-2224.15	289.29	0.00	0.00	0.00
128	197	325	-0.5	-6.5	-2218.03	-8.76	0.82	-4.10	-2230.07	291.44	0.00	0.00	0.00
128	198	326	-0.7	-6.4	-2224.49	-8.65	0.00	-4.06	-2237.20	292.38	0.00	0.00	0.00
128	199	327	-0.8	-6.3	-2230.86	-8.87	0.82	-4.02	-2242.93	294.73	0.00	0.00	0.00
128	200	328	-1.0	-6.2	-2237.14	-8.66	0.00	-3.98	-2249.77	295.95	0.00	0.00	0.00
128	201	329	-1.1	-6.1	-2243.32	-8.71	0.82	-3.94	-2255.15	298.65	0.00	0.00	0.00
128	202	330	-1.3	-6.0	-2249.41	-8.34	0.00	-3.90	-2261.65	300.22	0.00	0.00	0.00
128	203	331	-1.4	-6.0	-2255.42	-3.79	0.82	-3.86	-2262.25	307.69	0.00	0.00	0.00
128	204	332	-1.6	-5.9	-2261.33	-3.49	0.00	-3.82	-2268.64	309.37	0.00	0.00	0.00
128	205	333	-1.7	-5.8	-2267.15	-3.45	0.81	-3.79	-2273.58	312.51	0.00	0.00	0.00
128	206	334	-1.9	-5.7	-2272.89	-3.10	0.00	-3.75	-2279.74	314.41	0.00	0.00	0.00
128	207	335	-2.0	-5.6	-2278.54	-3.14	0.81	-3.71	-2284.59	317.64	0.00	0.00	0.00
128	208	336	-2.2	-5.5	-2284.11	-2.83	0.00	-3.68	-2290.62	319.68	0.00	0.00	0.00
128	209	337	-2.3	-5.4	-2289.59	-2.85	0.81	-3.64	-2295.28	323.09	0.00	0.00	0.00
128	210	338	-2.5	-5.4	-2294.99	-2.61	0.00	-3.61	-2301.21	325.23	0.00	0.00	0.00
128	211	339	-2.6	-5.3	-2300.30	-2.85	0.81	-3.58	-2305.92	328.59	0.00	0.00	0.00
129	187	316	1.4	-7.6	-2146.89	1.43	1.65	-4.63	-2148.44	299.61	0.00	0.00	0.00
129	188	317	1.2	-7.5	-2154.49	1.74	0.95	-4.58	-2156.38	299.75	0.00	0.00	0.00
129	189	318	1.1	-7.4	-2161.99	-8.34	1.64	-4.53	-2173.22	290.98	0.00	0.00	0.00
129	190	319	0.9	-7.3	-2169.39	-8.06	0.95	-4.48	-2180.98	291.29	0.00	0.00	0.00
129	191	320	0.8	-7.2	-2176.68	-7.87	1.64	-4.43	-2187.34	293.00	0.00	0.00	0.00
129	192	321	0.6	-7.1	-2183.88	-7.38	0.95	-4.39	-2194.69	293.72	0.00	0.00	0.00
129	193	322	0.4	-7.0	-2190.98	-7.19	1.64	-4.34	-2200.86	295.62	0.00	0.00	0.00
129	194	323	0.3	-6.9	-2197.97	-6.65	0.95	-4.29	-2207.97	296.59	0.00	0.00	0.00
129	195	324	0.1	-6.8	-2204.87	-6.28	1.64	-4.25	-2213.77	298.86	0.00	0.00	0.00
129	196	325	0.0	-6.8	-2211.68	-9.10	0.95	-4.21	-2224.03	296.66	0.00	0.00	0.00
129	197	326	-0.2	-6.7	-2218.39	-9.36	1.64	-4.16	-2230.27	298.50	0.00	0.00	0.00
129	198	327	-0.3	-6.6	-2225.00	-9.23	0.95	-4.12	-2237.40	299.44	0.00	0.00	0.00
129	199	328	-0.5	-6.5	-2231.52	-9.45	1.63	-4.08	-2243.41	301.50	0.00	0.00	0.00
129	200	329	-0.6	-6.4	-2237.94	-9.26	0.95	-4.04	-2250.29	302.69	0.00	0.00	0.00
129	201	330	-0.8	-6.3	-2244.28	-9.29	1.63	-4.00	-2255.94	305.12	0.00	0.00	0.00
129	202	331	-0.9	-6.2	-2250.52	-8.93	0.95	-3.96	-2262.46	306.67	0.00	0.00	0.00
129	203	332	-1.1	-6.1	-2256.67	-4.16	1.63	-3.92	-2263.13	314.07	0.00	0.00	0.00
129	204	333	-1.2	-6.0	-2262.73	-3.88	0.95	-3.88	-2269.55	315.72	0.00	0.00	0.00
129	205	334	-1.4	-5.9	-2268.71	-3.83	1.63	-3.85	-2274.76	318.58	0.00	0.00	0.00
129	206	335	-1.5	-5.8	-2274.60	-3.48	0.95	-3.81	-2280.93	320.48	0.00	0.00	0.00
129	207	336	-1.7	-5.8	-2280.39	-3.44	1.62	-3.77	-2285.98	323.50	0.00	0.00	0.00
129	208	337	-1.8	-5.7	-2286.11	-3.05	0.95	-3.74	-2291.94	325.61	0.00	0.00	0.00
129	209	338	-2.0	-5.6	-2291.73	-2.91	1.62	-3.70	-2296.72	328.91	0.00	0.00	0.00
129	210	339	-2.1	-5.5	-2297.27	-3.21	0.95	-3.67	-2303.20	330.50	0.00	0.00	0.00
130	189	319	1.4	-7.6	-2160.75	2.10	0.84	-4.60	-2162.41	309.05	0.00	0.00	0.00
130	190	320	1.3	-7.5	-2168.30	2.42	0.00	-4.55	-2170.43	309.10	0.00	0.00	0.00
130	191	321	1.1	-7.4	-2175.75	-7.71	0.83	-4.50	-2187.13	300.47	0.00	0.00	0.00
130	192	322	1.0	-7.3	-2183.11	-7.32	0.00	-4.45	-2194.88	300.79	0.00	0.00	0.00
130	193	323	0.8	-7.2	-2190.36	-7.07	0.83	-4.41	-2201.01	302.74	0.00	0.00	0.00
130	194	324	0.6	-7.1	-2197.51	-6.61	0.00	-4.36	-2208.48	303.33	0.00	0.00	0.00
130	195	325	0.5	-7.0	-2204.57	-9.49	0.83	-4.32	-2217.54	302.34	0.00	0.00	0.00
130	196	326	0.3	-6.9	-2211.52	-9.41	0.00	-4.27	-2225.21	302.75	0.00	0.00	0.00
130	197	327	0.2	-6.8	-2218.39	-9.68	0.82	-4.23	-2231.47	304.56	0.00	0.00	0.00

130	198	328	0.0	-6.7-2225.15	-9.55	0.00	-4.19-2238.89	305.21	0.00	0.00	0.00
130	199	329	-0.1	-6.6-2231.82	-9.76	0.82	-4.14-2244.90	307.27	0.00	0.00	0.00
130	200	330	-0.3	-6.5-2238.40	-9.57	0.00	-4.10-2252.07	308.17	0.00	0.00	0.00
130	201	331	-0.4	-6.4-2244.89	-4.22	0.82	-4.06-2252.35	315.97	0.00	0.00	0.00
130	202	332	-0.6	-6.3-2251.28	-9.24	0.00	-4.02-2264.54	311.85	0.00	0.00	0.00
130	203	333	-0.7	-6.3-2257.58	-4.26	0.82	-3.98-2265.01	319.45	0.00	0.00	0.00
130	204	334	-0.9	-6.2-2263.79	-3.96	0.00	-3.94-2271.70	320.83	0.00	0.00	0.00
130	205	335	-1.0	-6.1-2269.91	-3.90	0.81	-3.91-2276.91	323.70	0.00	0.00	0.00
130	206	336	-1.2	-6.0-2275.95	-3.56	0.00	-3.87-2283.38	325.30	0.00	0.00	0.00
130	207	337	-1.3	-5.9-2281.89	-3.69	0.81	-3.83-2288.60	328.14	0.00	0.00	0.00
130	208	338	-1.5	-5.8-2287.75	-3.40	0.00	-3.79-2294.95	329.87	0.00	0.00	0.00
130	209	339	-1.6	-5.7-2293.53	-3.19	0.81	-3.76-2299.66	333.22	0.00	0.00	0.00
131	192	323	1.3	-7.5-2181.98	-7.70	0.95	-4.52-2193.26	309.67	0.00	0.00	0.00
131	193	324	1.1	-7.4-2189.39	-7.39	1.64	-4.48-2199.62	311.38	0.00	0.00	0.00
131	194	325	1.0	-7.3-2196.70	-6.89	0.95	-4.43-2207.07	312.00	0.00	0.00	0.00
131	195	326	0.8	-7.2-2203.91	-10.07	1.63	-4.38-2216.73	310.42	0.00	0.00	0.00
131	196	327	0.7	-7.1-2211.02	-9.99	0.95	-4.34-2224.41	310.81	0.00	0.00	0.00
131	197	328	0.5	-7.0-2218.04	-10.27	1.63	-4.30-2230.97	312.32	0.00	0.00	0.00
131	198	329	0.4	-6.9-2224.96	-10.15	0.95	-4.25-2238.41	312.95	0.00	0.00	0.00
131	199	330	0.2	-6.8-2231.78	-10.36	1.63	-4.21-2244.72	314.71	0.00	0.00	0.00
131	200	331	0.1	-6.7-2238.51	-10.18	0.95	-4.17-2251.91	315.59	0.00	0.00	0.00
131	201	332	-0.1	-6.6-2245.14	-10.21	1.63	-4.12-2257.85	317.72	0.00	0.00	0.00
131	202	333	-0.2	-6.5-2251.69	-9.87	0.95	-4.08-2264.70	318.95	0.00	0.00	0.00
131	203	334	-0.4	-6.4-2258.14	-4.64	1.62	-4.04-2265.20	326.52	0.00	0.00	0.00
131	204	335	-0.5	-6.3-2264.50	-4.26	0.95	-4.00-2271.82	327.97	0.00	0.00	0.00
131	205	336	-0.7	-6.2-2270.77	-4.29	1.62	-3.97-2277.40	330.46	0.00	0.00	0.00
131	206	337	-0.8	-6.1-2276.95	-4.38	0.95	-3.93-2284.31	331.62	0.00	0.00	0.00
131	207	338	-1.0	-6.0-2283.04	-4.30	1.62	-3.89-2289.61	334.39	0.00	0.00	0.00
131	208	339	-1.1	-6.0-2289.05	-3.95	0.95	-3.85-2295.91	336.17	0.00	0.00	0.00
132	194	326	1.3	-7.4-2195.54	-6.79	0.00	-4.50-2206.83	319.50	0.00	0.00	0.00
132	195	327	1.2	-7.3-2202.91	-10.39	0.83	-4.45-2216.92	317.48	0.00	0.00	0.00
132	196	328	1.0	-7.2-2210.17	-10.30	0.00	-4.41-2224.88	317.60	0.00	0.00	0.00
132	197	329	0.9	-7.1-2217.34	-10.58	0.82	-4.36-2231.46	319.09	0.00	0.00	0.00
132	198	330	0.7	-7.0-2224.41	-10.46	0.00	-4.32-2239.19	319.43	0.00	0.00	0.00
132	199	331	0.6	-6.9-2231.39	-10.68	0.82	-4.27-2245.52	321.17	0.00	0.00	0.00
132	200	332	0.4	-6.8-2238.27	-10.50	0.00	-4.23-2253.00	321.76	0.00	0.00	0.00
132	201	333	0.3	-6.7-2245.06	-4.70	0.82	-4.19-2253.13	329.71	0.00	0.00	0.00
132	202	334	0.1	-6.6-2251.75	-4.60	0.00	-4.15-2260.50	330.41	0.00	0.00	0.00
132	203	335	0.0	-6.6-2258.35	-4.80	0.82	-4.11-2266.44	332.54	0.00	0.00	0.00
132	204	336	-0.2	-6.5-2264.86	-4.38	0.00	-4.07-2273.31	333.74	0.00	0.00	0.00
132	205	337	-0.3	-6.4-2271.28	-4.36	0.81	-4.03-2278.85	336.27	0.00	0.00	0.00
132	206	338	-0.5	-6.3-2277.61	-4.03	0.00	-3.99-2285.63	337.56	0.00	0.00	0.00
132	207	339	-0.6	-6.2-2283.85	-4.55	0.81	-3.95-2291.54	339.73	0.00	0.00	0.00
133	196	329	1.4	-7.4-2208.98	-10.92	0.94	-4.47-2223.43	326.30	0.00	0.00	0.00
133	197	330	1.2	-7.3-2216.30	-11.19	1.63	-4.43-2230.29	327.51	0.00	0.00	0.00
133	198	331	1.1	-7.2-2223.53	-11.08	0.94	-4.38-2238.05	327.83	0.00	0.00	0.00
133	199	332	0.9	-7.1-2230.65	-11.30	1.62	-4.34-2244.67	329.28	0.00	0.00	0.00
133	200	333	0.8	-7.0-2237.69	-5.68	0.94	-4.30-2246.72	335.30	0.00	0.00	0.00
133	201	334	0.6	-6.9-2244.62	-5.08	1.62	-4.25-2252.33	337.76	0.00	0.00	0.00
133	202	335	0.5	-6.8-2251.47	-4.87	0.94	-4.21-2259.61	338.56	0.00	0.00	0.00
133	203	336	0.3	-6.7-2258.22	-5.20	1.62	-4.17-2265.97	340.27	0.00	0.00	0.00
133	204	337	0.2	-6.6-2264.88	-4.92	0.94	-4.13-2272.98	341.32	0.00	0.00	0.00
133	205	338	0.0	-6.5-2271.44	-4.78	1.62	-4.09-2278.69	343.68	0.00	0.00	0.00
133	206	339	-0.1	-6.4-2277.92	-5.26	0.94	-4.05-2286.29	344.16	0.00	0.00	0.00
134	198	332	1.4	-7.3-2222.29	-6.14	0.00	-4.45-2232.89	340.25	0.00	0.00	0.00
134	199	333	1.3	-7.2-2229.57	-6.06	0.82	-4.41-2239.22	341.99	0.00	0.00	0.00
134	200	334	1.1	-7.1-2236.76	-5.81	0.00	-4.36-2246.93	342.35	0.00	0.00	0.00
134	201	335	1.0	-7.0-2243.85	-5.17	0.82	-4.32-2252.52	344.83	0.00	0.00	0.00
134	202	336	0.8	-6.9-2250.84	-5.15	0.00	-4.27-2260.27	345.16	0.00	0.00	0.00
134	203	337	0.7	-6.8-2257.74	-5.34	0.82	-4.23-2266.50	347.00	0.00	0.00	0.00
134	204	338	0.5	-6.8-2264.55	-5.10	0.00	-4.19-2273.84	347.73	0.00	0.00	0.00
134	205	339	0.4	-6.7-2271.26	-5.12	0.81	-4.15-2279.72	349.92	0.00	0.00	0.00
135	201	336	1.3	-7.2-2242.73	-5.61	1.62	-4.38-2251.10	353.50	0.00	0.00	0.00
135	202	337	1.1	-7.1-2249.87	-5.59	0.94	-4.34-2258.87	353.81	0.00	0.00	0.00
135	203	338	1.0	-7.0-2256.92	-5.84	1.62	-4.30-2265.44	355.31	0.00	0.00	0.00
135	204	339	0.8	-6.9-2263.88	-5.59	0.94	-4.25-2272.79	356.03	0.00	0.00	0.00