STDS08.COD: CLIMATE DATA FROM WEATHER STATIONS

John W. M. Whiting

This file describes codes for variables v179-v199 of the SCCS data set. They are from previously unpublished codes done by John W. M. Whiting, originally referenced in "Winter temperature as a constraint to the migration of preindustrial peoples" Whiting et al. American Anthropologist 84:279-298 (1982). The weather data are cited as coming from Walter, H., and H. Leith (1964) Klimadiagramm-Weltatlas, Jena: Gustav Fischer.

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STDS08.CSV VARS. 179-199
STDS08.DAT VARS. 179-199

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The comma-separated formatted file stds08.csv and the tab-separated file stds08.dat are supplemental files to this article. Both files have a header line. The stds08.dat file just contains variable numbers in the form v1, v2, etc. The stds08.csv file has the following structure:

focyear:	Focal year for the SCCS society
hraf_no:	Human Relations Area File code for the SCCS society
Name:	Society Name
sccs.	SCCS number for the society
v179 to v199	Climate variables

The original STDS08.DAT and STDS08.COD files are provided as supplemental files with names STDS08ori.DAT and STDS08ori.COD.

179. Latitude of Weather Station

N	Code	Meaning
7	NA	Missing data
179		From 0 (equator) to 80 (pole)

180. Latitude Hemisphere

N	Code	Meaning
6	NA	Missing data
128	1	North
52	2	South

181. Longitude of Weather Station

N	Code	Meaning
6	NA	Missing data
180		From 0 (Greenwich Meridian) to 180 (mid-Pacific Meridian)

182. Longitude Hemisphere

N	Code	Meaning
6	NA	Missing data
105	1	East
75	2	West

183. Altitude in Meters

N	Code	Meaning
6	NA	Missing data
180		0 to 3822

184. Years of Observation--Temperature

N	Code	Meaning
6	NA	Missing data
180		0 (1900) to 70 (1970)

185. Years of Observation--Precipitation

N	Code	Meaning
6	NA	Missing data
180		0 (1900) to 73 (1973)

186. Mean Annual Temperature (C)

N	Code	Meaning
6	NA	Missing data
180		-16 (lowest) to 29 (highest)

187. Hottest Month Mean Temperature (C)

N	Code	Meaning
6	NA	Missing data
180		4 (lowest) to 46 (highest)

188. Coldest Month Mean Temperature (C)

N	Code	Meaning
6	NA	Missing data
180		-28 (lowest) to 28 (highest)

189. Mean Annual Precipitation (mm)

N	Code	Meaning
9	NA	Missing data
177		1 (lowest) to 4819 (highest)

190. Mean Daily Min Coldest Month (C)

N	Code	Meaning
91	NA	Missing data
95		-61 (lowest) to 24 (highest)

191. Mean Daily Max Hottest Month (C)

N	Code	Meaning
155	NA	Missing data
31		-2 (lowest) to 41 (highest)

192. Highest Precipitation in Wettest Month (mm)

N	Code	Meaning
6	NA	Missing data
180		1 (lowest) to 670 (highest)

193. Lowest Precipitation in Driest Month (mm)

N	Code	Meaning
6	NA	Missing data
180		0 (lowest) to 295 (highest)

194. Wettest Month

N	Code	Meaning
6	NA	Missing data
11	1	January
0	2	February
2	3	March
6	4	April
12	5	May
20	6	June
39	7	July
38	8	August
23	9	September
15	10	October
6	11	November
8	12	December

195. Driest Month

N	Code	Meaning
6	NA	Missing data
52	1	January
36	2	February
12	3	March
11	4	April
4	5	May
10	6	June
16	7	July
8	8	August
3	9	September
2	10	October
4	11	November
22	12	December

196. Number of Dry Months

N	Code	Meaning
6	NA	Missing data
70	0	None
8	1	1
13	2	2
10	3	3
19	4	4
13	5	5
15	6	6
10	7	7
8	8	8
1	9	9
3	10	10
1	11	11
9	12	12

197. Hottest Month

N	Code	Meaning
6	NA	Missing data
2	1	January
5	2	February
11	3	March
23	4	April
30	5	May
13	6	June
66	7	July
18	8	August
7	9	September
2	10	October
2	11	November
1	12	December

198. Coldest Month

N	Code	Meaning
6	NA	Missing data
117	1	January
14	2	February
1	3	March
1	4	April
0	5	May
4	6	June
7	7	July
8	8	August
1	9	September
2	10	October
1	11	November
24	12	December

Note distribution of sample and earth's population is more towards the cold northerly regions (coldest in January) than the cold southerly regions (coldest in July).

199. Number of Frost Months

N	Code	Meaning
6	NA	Missing data
152	0	None
1	1	1
0	2	2
0	3	3
0	4	4
1	5	5
1	6	6
7	7	7
3	8	8
6	9	9
2	10	10
5	11	11
2	12	12