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Title

Air, Earth, Water, Fire

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Publication Date

2020

Air, Earth, Water, Fire

for orchestra

score in C

Alannah Marie Halay

2015

Instrumentation

Flute I-IV
Oboe I & II
Clarinet I & II
Bassoon I & II
French horn I & II
Trumpet I & II
Percussionist (x1)
Violin I & II
Viola
Violoncello
Double bass

Trumpets I & II: 1x straight mute and 1x wah-wah mute (each).

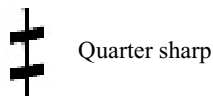
Percussionist: tam-tam, bass drum, tenor drum, marimba, 25" timpani (initially tuned to F3), suspended cymbal (to place on timp.).

The percussionist requires 1x brush mallet, 1x triangle stick, 1x superball mallet, 2x wooden drumstick, 2x bass drum mallet, 2x hard-headed beater, 2x medium-headed beater, 2 timpani mallet, 1x double bass bow.

Performance layout: standard orchestral layout

Performance Notes

General

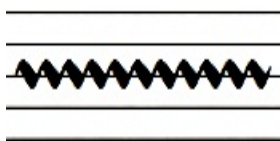


Quarter sharp

Ord. This cancels out any previous non-normative performance technique.

ppp/fff

All dynamics are relative. Regarding generally quiet gestures (key clicks, audible breathing sounds, string glissandi with harmonic finger pressure, etc.): dynamics are to be executed as much as is possible. It is understood that, in these cases, the resultant dynamic might not be exactly as notated.



Wavy lines denote unstable sound and an approximation of the timbre requested.

When requested to blow down instrument *audibly* so as to produce an air sound with no definite pitch, dynamics must be followed as closely as possible. Performers are permitted to inhale whenever is necessary, staggering their breathing as required (for example, see woodwind and brass parts, bar 1).

In cases where precise execution of intricate durations and articulation with ‘saltando’ attacks is requested, it is desired that the performer must attempt to follow the notation as accurately as possible yet allow the ‘saltando’ technique to reveal hidden unpredictable rhythms, articulation and, in some cases, pitch (for example, see ’cello part, bars 33-35).



Cross-headed notes denoting specific pitch

Brass: unless otherwise stated in the score, cross-headed notes denote mouthpiece pops: the performer must attack the mouthpiece with the palm of the hand whilst fingering the relevant pitches (it is understood that the pitches produced may not be exact).

Strings: further information appears in the score.



Horizontal arrows denote a gradual change from one performance direction to another.

Wind

Lip pizzicato

This is a pizzicato-percussive sound on the piccolo produced by first pressing the lips tightly together and then explosively ripping them apart by a strong jet of air.

Slap tongue

This is a percussive sound produced by repositioning the tongue against the teeth or reed and aiming for a hard release.

Smack tone

This is a percussive sound produced by smacking the lips against the mouthpiece or reed.

Basically, lip pizzicato, slap tongue, and smack tone are the same percussive sonority produced on different instruments (and so with varied technique).

Strings

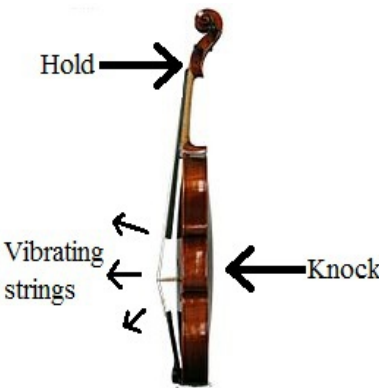
Left-hand pizzicato directions are suggestions only. They do not have to be used if a more convenient method is possible.



Upwards pointing arrow as note: execute the highest note possible on the specified string

Knock on back of string instrument body

Aim for a bell-like effect: allow the strings to vibrate in sympathy and reverberate throughout the instrument’s body. Hold near the pegs/scroll securely with fingers but lose enough to allow the instrument to pivot: the strings must be allowed to reverberate throughout the body when knocking on the instrument’s back (see the diagram on the right).



Air, Earth, Water, Fire explores four timbral domains that are each likened to the four states of matter as theorised by the ancient Greeks. ‘Air’ is represented by audible breath, brush strokes, and scraping. ‘Earth’ is represented by percussive rumbling characterised by a combination of tapping, knocking, key clicks, and pizzicati. ‘Water’ is represented by definite pitch, tremolandi, and glissandi. ‘Fire’ is characterised by instrumental techniques that result in unstable (or ‘volatile’) audible sounds such as harmonic glissandi, bowed percussion, and pitches that lie outside an instrument’s tessitura. Generally, these four timbral ‘states’ are separated into four consecutive sections; however, they do overlap at times before fully interacting in the final section.

Alannah Marie Halay

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Air, Earth, Water, Fire
for orchestra
score in C

Alannah Marie Halay
2015

'Air'

$\text{♩} = 100$

audible air sound
(stagger breathing with fl.s & cl.s)

audible air sound with flutter tongue
flz.
(stagger breathing with fl.s)

Flute I

f (poss.)

audible air sound
(stagger breathing with fl.s & cl.s)

Flute II

f (poss.)

audible air sound
(stagger breathing with fl.s & cl.s)

Flute III

f (poss.)

audible air sound
(stagger breathing with fl.s & cl.s)

Flute IV

f (poss.)

Oboe I

Oboe II

Clarinet in B♭ I

audible air sound
(stagger breathing with fl.s & cl.s)

f (poss.)

Clarinet in B♭ II

audible air sound
(stagger breathing with fl.s & cl.s)

f (poss.)

Bassoon I

Bassoon II

Horn in F I

audible air sound
(stagger breathing with hn.s & tpt.s)

f (poss.)

audible air sound with flutter tongue
(stagger breathing with hn.s & tpt.s)

audible air sound
(stagger breathing with hn.s & tpt.s)

Horn in F II

audible air
(stagger breathing with hn.s & tpt.s)

f (poss.)

audible air
(stagger breathing with hn.s & tpt.s)

Trumpet in B♭ I

f (poss.)

audible air
(stagger breathing with hn.s & tpt.s)

audible air with flutter tongue
(stagger breathing with hn.s & tpt.s)

audible air
(stagger breathing with hn.s & tpt.s)

Trumpet in B♭ II

f (poss.)

f (poss.)

Percussion

Tam-tam
brush

dampen tam-tam with hand,
scrape with brush in circular motion to notated durations

p

'un-dampen'
(release hand)

f (poss.)

l.v.

Violin I

bow body

f (poss.)

Violin II

bow body

f (poss.)

Viola

bow body

f (poss.)

bow tailpiece, aim for pitch.
Stagger bowing as required

f (poss.)

Violoncello

bow body

f (poss.)

bow tailpiece, aim for pitch.
Stagger bowing as required

f (poss.)

Double Bass

bow body

f (poss.)

(bow body still)

(bow body still)

audible air sound with flutter tongue
flz.
(stagger breathing with fl.s)

10

Fl. I

f (poss.)

audible air sound with flutter tongue
flz.
(stagger breathing with fl.s)

Fl. II

f (poss.)

audible air sound with flutter tongue
flz.
(stagger breathing with fl.s)

Fl. III

f (poss.)

audible air sound with flutter tongue
flz.
(stagger breathing with fl.s)

Fl. IV

f (poss.)

audible air sound (stagger breathing)

Cl. I

f (poss.)

audible air sound (stagger breathing)

Cl. II

f (poss.)

sim.

sim.

f (poss.)

f (poss.)

(mouthpiece pop)

Hn. I

fff (poss.)

(mouthpiece pop)

Hn. II

fff (poss.)

(mouthpiece pop)

Tpt. I

fff (poss.)

(mouthpiece pop)

Tpt. II

fff (poss.)

sim.

Perc.

p

bow tailpiece, aim for pitch. Stagger bowing as required

f (poss.)

bow tailpiece, aim for pitch. Stagger bowing as required

f (poss.)

(bow body)

Vla.

attack strings with palm of hand 1.v.

fff (poss.)

(bow body)

Vc.

attack strings with palm of hand 1.v.

fff (poss.)

1.v.

1.v.

Db.

19

Fl. I

f (poss.)

audible air sound
ord. (no flutter tongue)
(stagger breathing)

Fl. II

f (poss.)

audible air sound
ord. (no flutter tongue)
(stagger breathing)

Fl. III

f (poss.)

audible air sound
ord. (no flutter tongue)
(stagger breathing)

Fl. IV

f (poss.)

audible air sound
ord. (no flutter tongue)
(stagger breathing)

Ob. I

f (poss.)

audible air sound
(stagger breathing)

Ob. II

f (poss.)

audible air sound
(stagger breathing)

Cl. I

f (poss.)

audible air sound
(stagger breathing)

Cl. II

f (poss.)

audible air sound
(stagger breathing)

Bsn. I

f (poss.)

audible air sound
(stagger breathing)

Bsn. II

f (poss.)

audible air sound
(stagger breathing)

Hn. I

f (poss.)

audible air sound
(stagger breathing)

Hn. II

f (poss.)

audible air sound
(stagger breathing)

Tpt. I

f (poss.)

audible air sound
(stagger breathing)

Tpt. II

f (poss.)

audible air sound
(stagger breathing)

Perc.

f (poss.)

'un-dampen'
(release hand)

l.v.

take triangle stick

triangle stick

fff (poss.)

scrape

l.v.

Vln. I

f (poss.)

bow body

Vln. II

f (poss.)

bow body

Vla.

Col legno
tratto
(open strings)

fff (poss.)

Vc.

Col legno
tratto
(open strings)

fff (poss.)

l.v.

fff (poss.)

Db.

p *fff* (poss.)

sul A & E

col legno saltando;
expect the pitch to get higher as you move
towards the bridge

sul tasto
(right by
the scroll)

sul pont.

sul tasto
(right by
the scroll)

sul pont.

sul tasto
(right by
the scroll)

sul pont.

sul tasto
(right by
the scroll)

sul pont.

[illegible]

31

Fl. I *fff* (poss.) *p* (ord.)

Fl. II *fff* (poss.) *p* (ord.)

Fl. III *fff* (poss.) *p*

Fl. IV *fff* (poss.) *p*

Ob. I *fff* (poss.) *p* *fff* (poss.)

Ob. II *fff* (poss.) *p* *fff* (poss.)

Cl. I *fff* (poss.) *p*

Cl. II *fff* (poss.) *p*

Bsn. I *fff* (poss.) *p* *fff* (poss.)

Bsn. II *fff* (poss.) *p* *fff* (poss.)

Hn. I

Hn. II

Tpt. I

Tpt. II

Perc. (triangle stick) *scrape* *fff* (poss.) *mf* *f* l.v.

Vln. I *fff* (poss.) *p* *fff* (poss.)

Vln. II *fff* (poss.) *p* *fff* (poss.)

Vla. *fff* (poss.) *p* *fff* (poss.)

Vc. *fff* (poss.) *p* *fff* (poss.)

Db. haphazardly rattle fingers on D.B. body; aim for a dampened rumbling sound. *fff* (poss.) *p* *fff* (poss.)

sul G & C
col legno saltando; expect the pitch to get higher as you move towards the bridge
sul tasto (right by the scroll) sul pont. sul tasto (right by the scroll)

Sul D & G: arco, stagger bowing

35

Fl. I *(p)* *mf* *ppp* *ppp* *mf* *ppp*

Fl. II *mf* *ppp* *ppp* *mf* *ppp*

Fl. III *lip pizzicato* *mp*

Fl. IV *lip pizzicato* *mp*

Bsn. I *smack tone* *f* *(smack tone)* *(f)*

Bsn. II *smack tone* *f* *(smack tone)* *(f)*

Hn. I

Hn. II

Tpt. I

Tpt. II

Perc. *(triangle stick)* *scrape* *fff* (poss.) *L.v.* *to bass drum, take superball mallet* *Bass Drum* *superball mallet* *rub superball mallet on skin of bass drum* *p* *f* *sim.*

Vln. I *free rhythm, confident and forceful pizz.* *fff* *p* *f* *knock on back of violin body; allow the sound to reverberate throughout the violin body* *l.v.* *f* (poss.)

Vln. II *free rhythm, confident and forceful pizz.* *fff* *p* *f* *knock on back of violin body; allow the sound to reverberate throughout the violin body* *l.v.* *f* (poss.)

Vla. *knock on back of viola body; allow the sound to reverberate throughout the viola body* *l.v.* *f* (poss.) *free rhythm, confident and forceful pizz.* *fff* *p*

Vc. *sul pont.* *fff* (poss.) *pizz.* *fff* *(fff)* *(pizz.)* *f* *gliss.* *(fff)*

Db. *p* *fp* *fff* *(fff)* *(fff)*

[illegible]

54

Ob. I

smack tone

f

Ob. II

smack tone

f

Cl. I

ord.

mf

slap tongue

ord.

3

slap tongue

ord.

ppp

Cl. II

ppp

Bsn. I

(smack tone)

f

(*f*)

(*f*)

ppp

Bsn. II

(smack tone)

f

(*f*)

(*f*)

f

ppp

Hn. I

ppp

mf

ppp

ppp

mf

ppp

Hn. II

ppp

mf

ppp

ppp

mf

ppp

Tpt. I

ppp

mf

ppp

ppp

mf

ppp

Tpt. II

ppp

mf

ppp

ppp

mf

ppp

Perc.

Marimba

hard-headed beaters

mf

fff

3

mf

fff

(*fff*)

take medium-headed beaters

medium-headed beaters

p

mp

mf

Vln. I

sul A & D
col legno saltando;
expect the pitch to get higher as you move towards the bridge

sul tasto (right by the scroll)

sul pont.

sul tasto (right by the scroll)

sul pont.

p

fff (poss.)

p

fff (poss.)

Vln. II

sul D & G
col legno saltando;
expect the pitch to get higher as you move towards the bridge

sul tasto (right by the scroll)

sul pont.

sul tasto (right by the scroll)

sul pont.

p

fff (poss.)

p

fff (poss.)

Vla.

(*fff*)

fff

Vc.

rhythm: ord. (pizz.)

fff

gliss.

(*fff*)

(*fff*)

(*fff*)

Db.

rhythm: ord. (pizz.)

fff

(*fff*)

(*fff*)

ff

(pizz.)

fff

[illegible]

68

Fl. I *p* (ord.) *mf*

Fl. II *p* (ord.) *mf*

Fl. III

Cl. I *p*

Cl. II *p*

Bsn. I *f* smack tone

Bsn. II *f* smack tone

Hn. I *ppp* *fp*

Hn. II *ppp* *fp*

Tpt. I *ppp* *fp*

Tpt. II *ppp* *fp*

Perc. *mf* (*mf*) *mp* *p* *mp* *p*

Vln. I *p* *fff* *p* arco *p* *gliss.*

Vln. II *p* *fff* *p* arco *p* *gliss.*

Vla. *fp* *gliss.* *mf* *ppp* *p* arco *gliss.*

Vc. *gliss.* *mf* *ppp* *fff* pizz. *gliss.*

Db. *gliss.* *f* *mp* *ppp* sul G & D *mf*

76

Fl. I *ppp*

Fl. II

Fl. III *tr* *p* *fff* *p*

Fl. IV *tr* *p* *fff* *p*

Ob. I (ord.) *tr* *p* *f* *p* *tr* *p* *fff* *p*

Ob. II (ord.) *tr* *p* *f* *p* *tr* *p* *fff* *p*

Cl. I *tr* *p* *f* *p* *tr* *p* *fff* *p*

Cl. II *tr* *p* *f* *p* *tr* *p* *fff* *p*

Bsn. I

Bsn. II

Hn. I *ppp* *fp*

Hn. II *ppp* *fp*

Tpt. I take straight mute *ppp* *fp*

Tpt. II take straight mute *ppp* *fp*

Perc. *fff* to Bass Drum; take bass drum mallets *ppp* [Bass Drum] bass drum mallets

Vln. I *gliss.* *f fff* *mf* *f* *p*

Vln. II *gliss.* *f fff* *mf* *f* *p*

Vla. *gliss.* *f fff* *mf* *f* *p*

Vc. arco *p* *f*

Db. pizz. *fff* arco *p* *gliss.* *gliss.* *gliss.* *gliss.*

83

Fl. I *mf* *p* *mf* *p* *p* *mf* *p*

Fl. II *mf* *p* *mf* *p* *p* *mf* *p*

Fl. III *p*

Fl. IV *p*

Ob. I *p* *fff* *p* *p* *fff* *p*

Ob. II *p* *fff* *p* *p* *fff* *p*

Bsn. I *ppp* *fp* *f* *ppp*

Bsn. II *ppp* *fp* *f* *ppp*

Hn. I *fff* *mf* *p*

Hn. II *fff* *mf*

Tpt. I *p* (*p*)

Tpt. II *p*

Perc. *f* *ppp* *f* *ppp*

Vln. I *f* *fff* *fff*

Vln. II *f* *fff* *fff*

Vla. *gliss.* *f* *fff* *mf* *f* *p*

Vc. *gliss.* *fff* *mf* *p*

Db. *gliss.* *f* *mf* *p*

white noise pitch *gliss.*

straight mute

92

Fl. I *p* *fff* *p* *ppp* *fp*

Fl. II *p* *fff* *p* *ppp* *fp*

Fl. III *ppp* *fp*

Fl. IV *ppp* *fp*

Ob. I *gliss.*

Ob. II *gliss.*

Cl. I *f* *gliss.*

Cl. II *f* *gliss.*

Bsn. I *gliss.* (finger/key gliss.) *gliss.*

Bsn. II *gliss.* (finger/key gliss.) *gliss.*

Hn. I *f* *p* *mp*

Hn. II *f* *p* *mp*

Tpt. I (senza sord.) *f*

Tpt. II (senza sord.) *f*

Perc. *gliss.* *p* *f* *p* *f*

Vln. I *fff* *gliss.* *fff* *gliss.* *gliss.* *gliss.* *3*

Vln. II *fff* *gliss.* *fff* *gliss.* *fff* *gliss.* *3* (h)

Vla. *fff* *gliss.* *gliss.* (h) *fff* *gliss.* *3* *3*

Vc. *fff* *3* (h) *3* *3*

Db. *fff* *3* *3* *3*

101

Fl. I *mf* *ppp* *fp*

Fl. II *mf* *ppp* *fp*

Fl. III *mf* *ppp* *fp*

Fl. IV *mf* *ppp* *fp*

Ob. I *p* *fff* *p* *p* *fff* *p* (bisbigliando)

Ob. II *p* *fff* *p* *p* *fff* *p* (bisbigliando)

Cl. I *fff* *p* (bisbigliando)

Cl. II *fff* *p*

Bsn. I *fff* *fff* (*fff*)

Bsn. II *fff* (*fff*) (*fff*)

Hn. I *ppp* *fp* *ppp* *fp* *ppp* *fp*

Hn. II *ppp* *fp* *ppp* *fp* *ppp* *fp*

Tpt. I *ppp* *fp* *ppp* *fp* *ppp* *fp*

Tpt. II *ppp* *fp* *ppp* *fp* *ppp* *fp*

Perc. *ppp* *p* *gliss.* *fff* *mf* *fp* to Tam-tam, take D.B. bow

Vln. I *p* *gliss.* *f fff* *mf* *f* *gliss.* *Sul D harmonic finger pressure*

Vln. II *p* *gliss.* *f fff* *mf* *f* *gliss.* *Sul G harmonic finger pressure*

Vla. *p* *gliss.* *f fff* *mf* *f* *p*

Vc. *pizz.* *gliss.* *fff* (*fff*) (*fff*) (*fff*) *gliss.*

Db. *pizz.* *gliss.* *fff* (*fff*) (*fff*) *gliss.*

[illegible]

115

Fl. I. *fff* (poss.)

Fl. II. *fff* (poss.)

Fl. III. *fff* (poss.)

Fl. IV. *fff* (poss.)

Ob. I.

Ob. II. *fff* (poss.)

Cl. I. *fff* (poss.)

Cl. II. *fff* (poss.)

Bsn. I. *ppp* (poss.) *f* *p* *mf*

Bsn. II. *ppp* (poss.) *f* *p* *mf*

Tpt. I. wah-wah mute *ppp* *f* *ppp*

Tpt. II. (tr) take wah-wah mute *ppp* *f* *ppp*

Perc. l.v. to bass drum, take bass drum mallets

Bass Drum bass drum mallets *p mp mf f mp f fff* rim-shot -- 4

Vln. I. *(p)* *f* *p* *mf*

Vln. II. *(p)* *f* *p* *mf* (ord.)

Vla. *(p)* *f* *p* *mf* (ord.)

Vc. *mf* *p* *mf* light bow pressure (ord. finger pressure)

Db. *(p)* *f* *p* *mf*

122

Fl. I

fff (poss.)

Fl. II

fff (poss.)

Fl. III

fff (poss.)

Fl. IV

fff (poss.)

Ob. I

fff (poss.)

Ob. II

fff (poss.)

Cl. I

fff (poss.)

Cl. II

fff (poss.)

Bsn. I

p
(p) *mf* *ppp*

Bsn. II

p
(p) *mf* *ppp*

Tpt. I

ppp *f* *ppp*
(wah-wah mute)

Tpt. II

ppp *f*
(wah-wah mute)

Perc.

rim-shot - I

Tenor drum
wooden drumstick

bass drum mallet
ord.

p *mp* *mf* *mp* *fff* *p* *mp* *mf* *mp* *mf* *fff* *mf* *fff*

Vln. I

gliss.
Sul G
harmonic finger pressure

Vln. II

gliss.
(mf)
light bow pressure
(ord. finger pressure)

Vla.

gliss.
(mf)
Sul C
harmonic finger pressure
(ord. bow pressure)

Vc.

gliss.
f
Sul C
harmonic finger pressure
(ord. bow pressure)

Db.

gliss.
(mf)
f
Sul E
harmonic finger pressure
(ord. bow pressure)
ord.
p *fff* (poss.)

[illegible]

[illegible]

lip pizzicato

162

Fl. I (ord.) *fff* (poss.)

Fl. II (ord.) *fff* (poss.)

Fl. III (ord.) *fff* (poss.)

Fl. IV (ord.) *fff* (poss.)

Ob. I *fff* (poss.)

Ob. II *fff* (poss.)

Cl. I *fff* (poss.)

Cl. II *fff* (poss.)

Bsn. I *fff*

Bsn. II *fff*

Hn. I (ord.) *fff* brassed tone

Hn. II (ord.) *fff* brassed tone

Tpt. I (ord.) *fff* brassed tone

Tpt. II (ord.) *fff* brassed tone

Perc. *fff*

Vln. I *fff*

Vln. II *fff*

Vla. *fff*

Vc. (pizz.) *fff* *gliss.*

Db. *fff*

