

Crystal Fragments
(Thirteen Short Poems for Orchestra)

by

Peter Hatch

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Commissioned by the Kitchener-Waterloo Symphony while Composer-in-Residence

Crystal Fragments (Thirteen Short Poems for Orchestra)

I - Misterioso

Peter Hatch

♩ = 80

The score is for an orchestra and includes the following parts:

- Flute I
- Flute II / Piccolo
- Oboe I
- Oboe II / English Horn
- Clarinet I
- Clarinet II / Bass Clarinet
- Bassoon I
- Bassoon II
- Horn I in F
- Horn II in F
- Trumpet I in C
- Trumpet II in C
- Trombone I
- Harp
- Percussion I (Vibraphone)
- Percussion II (Glockenspiel)
- Percussion III (Glockenspiel)
- Violin I
- Violin II
- Viola
- Violoncello
- Contrabass

Key performance instructions include dynamics such as *pp*, *mf*, *f*, *sfz*, and *dim.*, as well as articulation like *pp*, *mf*, *f*, and *sfz*. Specific performance directions include "[Piccolo]", "[Oboe]", "[in A]", "[Bass Clarinet in B♭]", "[switch to English horn]", "[mute in]", "[straight mute]", "[Vibraphone]", "[Glockenspiel]", "mute on", and "(8va)*".

*All harmonics sound as written

22

Bsn I

Bsn II

Hn I

Hn II

Tpt I

Tpt II

Tbn. I

Hp

Perc. I (mar.)

Perc. I (vib.)

Perc. II (glock.)

Perc. III

Fl. I

Vln I

Fl. II / Picc.

Vln II

Cl. I

Vla

Clar. II / B. Cl.

Vc.

Bsn I

Bsn II

Hn I

Hn II

Tpt I

Tpt II

Vln I

Vln II

Vla

Vc.

3

pp

L.v.

L.v. [to Crotales]

pp

pp

pp

mp

f

mp

f

mp

f

mp

f

[muted]

[muted] *pp*

[muted] *pp*

[muted] *pp*

pp

mp

f

mp

f

mp

f

mp

f

f

f

28

Fl. I

Fl. II / Picc.

Cl. I

Clar. II / B. Cl. (b.cl.)

Bsn I

Bsn II

Hn I

Hn II

Tpt I

Tpt II

Hp

Perc. I. [Crotales]

Perc. II. (vib.)

Perc. III. (glock.)

Vln I

Vln II

Vla

Vc.

mp

p

mp

f

mf

mp

mp

mp

mp

bowed

bowed

3

3

31

Fl. I

Fl. II /
Picc.

Cl. I

Clar. II /
B. Cl.

Hn I

Hn II

Hp

Perc. I (cr.) L.v. [to Marimba]

Perc. II (vib.) L.v. [to Snare Drum]

Perc. III (glock.) L.v. [to Temple Blocks]

55

II - Allegro

♩ = 102

Flute I
[Flute]

Flute II / Piccolo

Oboe I
[English Horn]

Oboe II / English Horn
sfp

Clarinet I
[in A]
sfp
[Bass Clarinet in B \flat]

Clarinet II / Bass Clarinet

Bassoon I
sfp

Bassoon II
sfp

Horn I in F

Horn II in F

Trumpet I in C

Trumpet II in C

Trombone I

Harp

Percussion I
[Marimba]
sfp

Percussion II

Percussion III

♩ = 102

Violin I
sfp (add random *sf* accents every 3 - 5 beats, anywhere but on the beat)

Violin II
sfp (add random *sf* accents every 3 - 5 beats, anywhere but on the beat)

Viola
sfp (add random *sf* accents every 3 - 5 beats, anywhere but on the beat)

Violoncello

Contrabass

sfp (add random *sf* accents every 3 - 5 beats, anywhere but on the beat)

6 (Eng. In) [switch to Oboe]

Ob. II / Eng. Hn

Cl. I

Clar. II / B. Cl. (b.cl.) *fp*

Bsn I *cresc.*

Bsn II

Tbn. I [open] *mp*

Hp bisbigliando *cresc.*

Perc. I (mar.) *p* *cresc.*

Vln I *cresc.*

Vln II *cresc.*

Vla *cresc.*

Vc. *fp* (add random *sf* accents every 3 - 5 beats, anywhere but on the beat) *cresc.*

Cb. *cresc.*

9

Ob. II /
Eng. Hn

Cl. I

Clar. II /
B. Cl.

Bsn I

Bsn II
cresc.

Tbn. I

Hp

Perc. I

Vln I

Vln II

Vla

Vc.

Cb.

14

Fl. I

Fl. II / Picc.

Ob. I

Ob. II / Eng. Hn

Cl. I

Clar. II / B. Cl.

Bsn I

Bsn II

Hn I

Hn II

Tpt II

Tbn. I

Perc. I.

Perc. II

Perc. III

Vln I

Vln II

Vla

Vc.

Cb.

[to Clarinet in Bb]

ff

(b.cl.)

f

f

(mar.)

snare off

(tbl.)

[to Glockenspiel]

16

Fl. I

Fl. II / Picc.

Ob. I

Ob. II / Eng. Hn

Cl. I

Clar. II / B. Cl.

Bsn I

Bsn II

Hn I

Hn II

Tpt II

Tbn. I

Perc. I

Perc. III

Vln I

Vln II

Vla

Vc.

Cb.

17

Clar. II /
B. Cl.

Bsn I

Bsn II

Hn I

Hn II

Tpt II

Tbn. I

Perc. I. (mar.) [to Vibraphone (shared with Percussion II)]

Vln I

Vln II

Vla

Vc.

Cb.

arco 6
mf

III - Andante Cantabile

♩ = 92

Musical score for measures 1-3 of 'III - Andante Cantabile'. The score includes parts for Oboe I, Clarinet II/Bass Clarinet, Bassoon I, Bassoon II, Horn I in F, Horn II in F, Trumpet I in C, Trumpet II in C, Trombone I, Viola, and Violoncello. The tempo is marked as ♩ = 92. The key signature has one flat (Bb). The time signature is 4/4. Dynamics include *p* (piano), *mf* (mezzo-forte), *f* (forte), *mf cresc.*, *mf dim.*, *f dim.*, *p* Solo, *p* muted, and *mf*. Fingerings (5, 3) and articulation (accents) are indicated throughout the score.



Musical score for measures 4-6 of 'III - Andante Cantabile'. The score includes parts for Oboe I, Clarinet II/Bass Clarinet, Bassoon I, Horn I, Horn II, Viola, and Violoncello. The tempo is marked as ♩ = 92. The key signature has one flat (Bb). The time signature is 4/4. Dynamics include *mf dim.*, *mf*, *f*, *mf*, *f*, *mf*, *f*, *mf*, *mp*, *p*, *mf*, *f*, and *mf*. Fingerings (5, 3) and articulation (accents) are indicated throughout the score.

IV - Leggiero

♩ = 68
[in B \flat]

Clarinet I

Harp

Percussion I
[Vibraphone]
p leggiero

Percussion II

Percussion III

Violin I
p leggiero

Violin II

Viola
p leggiero

Violoncello

Contrabass



5

Hp
mp

Perc. I
(vib.)
p

Perc. II
[Vibraphone (shared with Percussion I)]
p

Perc. III
[Glockenspiel]
p

Vln I
p

Vln II
p

Vla

Vc.
p

10

Cl. I

Hp

Perc. I

Perc. II

Perc. III

Vln I

Vln II

Vla

Vc.

Cb.

solo

mf

f

lv.



14

Cl. I

Hp

Perc. I

Perc. II

Perc. III

Vln I

Vln II

Vla

Vc.

Cb.

♩ = 102

V - Scherzo

Flute I

[Flute]

Flute II / Piccolo

Oboe I

[Oboe]

Oboe II / English Horn

[in B♭]

Clarinet I

[Clarinet in B♭]

Clarinet II / Bass Clarinet

Bassoon I

Bassoon II

Horn I in F

Horn II in F

Trumpet I in C

Trumpet II in C

Trombone I

Harp

Percussion I

[Slide Whistle]

Percussion II

[Temple Blocks]

Percussion III

[Snare Drum]

staccato

f

ff

f marcato

f secco

stopped

[open]

(pitches approximate)

[Bass Drum (hard mallet)]

rimshot

regular stick

mf

This musical score page, numbered 19, features a variety of instruments. The woodwind section includes Flute I (with a 5-measure rest), Flute II/Piccolo, Oboe I, Oboe II/English Horn (with triplets and dynamics *mp* and *f*), Clarinet I, Clarinet II/Bass Clarinet, Bassoon I, Bassoon II (with triplets and dynamics *mp* and *f*), Horn I, Horn II, Trumpet I, Trumpet II, and Trombone I (with triplets, dynamics *mf*, and a muted section). The string section includes Harp (with dynamics *f* and chord changes to G[♯], F[♭], and B[♯]). The percussion section includes three parts: Percussion I (Agogo or Cowbell, dynamics *f*), Percussion II (Temple Blocks and Bass Drum, dynamics *f*), and Percussion III (Cymbal and Snare Drum, dynamics *f* and *mf*).

VI - Più

♩ = 102

Flute I *ff secco* *f*

Flute II / Piccolo [Flute] *f*

Oboe I *ff secco* *f*

Oboe II / English Horn [Oboe] *f*

Clarinet I [in B \flat] *ff* *f*

Clarinet II / Bass Clarinet [Clarinet in B \flat] *f*

Bassoon I

Bassoon II

Horn I in F *ff* *f secco* (stopped, open)

Horn II in F *f secco* (muted)

Trumpet I in C *ff* *f secco* (straight mute)

Trumpet II in C *f secco*

Trombone I *ff*

Percussion I [Duck Call] *ff* [Agogo or Cow Bell] *f*

Percussion II [Cymbal (hard mallet)] *f* (l.v.) [choke] *mf* [Temple Blocks] *f*

Percussion III [Slide Whistle] *ff* [Snare Drum] *mf* [rimshots] *mf*

7

Ob. I

Ob. II / Eng. Hn

Cl. I

Clar. II / B. Cl.

Bsn I

Bsn II

Hn I

Hn II

Tpt I

Tpt II

Tbn. I

p

mp

muted

mp

p

mp

muted

mp

Detailed description: This page of a musical score, numbered 22, contains staves for various woodwind and brass instruments. The woodwinds include Oboe I and II/English Horn, Clarinet I, Clarinet II/Bass Clarinet, Bassoon I and II, Horn I and II, Trumpet I and II, and Trombone I. The brass parts feature triplets and are marked with dynamics such as *p* (piano) and *mp* (mezzo-piano). The woodwind parts include slurs and accents. A '7' is written above the first staff. The Trombone I part is marked 'muted'.

Flute I
Flute II / Piccolo
Oboe I
Oboe II / English Horn
Clarinet I
Clarinet II / Bass Clarinet
Bassoon I
Bassoon II
Horn I in F
Horn II in F
Trumpet I in C
Trumpet II in C
Trombone I
Harp
Percussion I [Marimba]
Percussion II [Vibraphone]
Percussion III [Agate Chimes], [Timpani]
Violin I
Violin II
Viola
Violoncello
Contrabass

Dynamic markings: *p*, *n.v.*, *pp*, *div., n.v.*, *solo*

7

Fl. II / Picc. *p*

Ob. I *n.v.*

Ob. II / Eng. Hn *p* *n.v.*

Cl. I *p*

Clar. II / B. Cl. *p*

Bsn I *p*

Bsn II *p*

Hn I *p* muted

Hn II *p*

Tpt I *p*

Tbn. I Fl. I *p*

Perc. II / Picc. *p* (vib.) *n.v.* *mf* [C. Gales]

Perc. III *pp* *div. n.v.* [Agate Chimes]

Ob. II / Eng. Hn *p* (timp)

Perc. I *pp* *div. n.v.*

Clar. II / B. Cl. *p*

Bsn I *p* tutti *div.*

Vla *p*

Bsn II *p*

Hrnl *p* muted

Hn II *p*

Tpt I *p*

Tpt II *p* muted

Perc. I *p* [Marimba] *l.v.*

Perc. II *p* *mf* [Agate Chimes] *l.v.*

Perc. III *ff* tutti *div. (n.v.)*

Vln I *p* solo *mf* *ff* tutti *div. (n.v.)*

Vc. *p*

G.P. G.P.

17

Fl. I

Fl. II / Picc.

Cl. I

Clar. II / B. Cl.

Bsn II

Hn I

Hn II

Tpt I

Tbn. I

Hp

Perc. I (mar.)

Perc. II (vib.)

Perc. III [Timpani]

Vln I

Vc.

p

p

p

p

p

mf *l.v.*

mf *l.v.*

pp *(keep chimes ringing slightly)* *f* *l.v.*

G.P. G.P.

tutti div. (n.v.)

div. (n.v.)

p

p

Espressivo

25

F1. II / Picc. *p*

Clar. II / B. Cl. *p*

Bsn II *p*

Hn I

Tbn. I

Perc. II *l.v.*

Perc. III [Timpani] *pp*

Vln I *p mp mf p*

Vln II *p mf*

Vla *p mf*

Espressivo tutti



30

Perc. III

Vla

Vc. *p cresc. mf*

Cb. *mf p*

VIII - Appassionata

$\text{♩} = 80$

Flute I
Flute II / Piccolo
Oboe I
Oboe II / English Horn
Clarinet I
Clarinet II / Bass Clarinet
Bassoon I
Bassoon II
Horn I in F
Horn II in F
Trumpet I in C
Trumpet II in C
Trombone I
Harp
Percussion I
Percussion II
Percussion III
Violin I
Violin II
Viola
Violoncello
Contrabass

[Flute]
[Oboe]
[in B \flat]
[Clarinet in B \flat]
[open]
[open]

$\text{♩} = 80$

This page of a musical score contains the following parts and notation:

- Fl. I:** Treble clef, starting with a 4-measure rest, then playing a melodic line with slurs and accents. Includes a 5-measure rest.
- Fl. II / Picc.:** Treble clef, playing a melodic line with slurs and accents. Includes a 3-measure rest.
- Ob. I:** Treble clef, playing a melodic line with slurs and accents. Includes a 3-measure rest.
- Ob. II / Eng. Hn:** Treble clef, playing a melodic line with slurs and accents. Includes a 3-measure rest.
- Cl. I:** Treble clef, playing a melodic line with slurs and accents. Includes a 3-measure rest.
- Clar. II / B. Cl.:** Treble clef, contains a whole rest.
- Bsn I:** Bass clef, contains a whole rest.
- Bsn II:** Bass clef, contains a whole rest.
- Hn I:** Treble clef, contains a whole rest.
- Hn II:** Treble clef, contains a whole rest.
- Tpt I:** Treble clef, contains a whole rest.
- Tpt II:** Treble clef, contains a whole rest.
- Tbn. I:** Bass clef, contains a whole rest.
- Hp:** Grand staff (treble and bass clefs), contains whole rests in both staves.
- Perc. I:** Bass clef, contains a whole rest.
- Perc. II:** Treble clef, contains a whole rest.
- Perc. III:** Bass clef, contains a whole rest.
- Vln I:** Treble clef, contains a whole rest.
- Vln II:** Treble clef, contains a whole rest.
- Vla:** Bass clef, contains a whole rest.
- Vc.:** Bass clef, contains a whole rest.
- Cb.:** Bass clef, contains a whole rest.

6

Fl. I *ff*

Fl. II / Picc. *ff*

Ob. I *ff*

Ob. II / Eng. Hn. *ff*

Cl. I *ff*

Bsn I *f*

Bsn II *f*

Hn I *p* *f*

Hn II *p* *f*

Tpt I *mf*

Tpt II *f* *p* *f*

Tbn. I *f* *p* *f*

Perc. I [Marimba] (measured) *mp* (add random *sf* accents every 3 - 5 beats, anywhere but on the beat)

Perc. II [Vibraphone] (measured) *mp* (add random *sf* accents every 3 - 5 beats, anywhere but on the beat)

Vln I *mf*

Vln II *f* *cresc.*

Vla *f* *cresc.*

Vc. *f* *cresc.*

Cb. *f*

II

Bsn I *p cresc.*

Bsn II *p cresc.*

Hn I

Hn II

Tpt I *p*

Tpt II *p*

Tbn. I

Hp *6* *R.H.* *L.H.*

Perc. I

Perc. II

Perc. III *mp*

Vln I *cresc.*

Vln II

Vla

Vc

Cb. *6*

Detailed description: This page of a musical score contains 13 staves. The top two staves are for Bsn I and Bsn II, both marked *p cresc.* and featuring a long slur over a whole note. The next two staves are for Hn I and Hn II, which are silent. The fifth staff is for Tpt I, starting with a triplet of eighth notes and a slur over a whole note, marked *p*. The sixth staff is for Tpt II, also marked *p* and featuring a long slur. The seventh staff is for Tbn. I, with a long slur. The eighth staff is for the Harp (Hp), containing complex sixteenth-note passages with '6' (sixteenth notes) and 'R.H.'/'L.H.' markings. The next three staves (Perc. I, II, III) show rhythmic patterns with '6' markings. The final five staves are for strings: Vln I has a tremolo and *cresc.* marking; Vln II, Vla, and Vc have triplet eighth notes and slurs; Cb. has a continuous sixteenth-note pattern with '6' markings.

21

Cl. I

Clar. II /
B. Cl.

Bsn I

Bsn II

Hn I

Hn II

Tpt I

Tpt II

p legato

p legato

p legato

[mute in] *p legato*

[mute in] *pp*

straight mute in *pp*

straight mute in *pp*

pp



25

Meno mosso ♩ = 60

Cl. I

Clar. II /
B. Cl.

Bsn I

Bsn II

Hn I

Hn II

Tpt I

Tpt II

Meno mosso ♩ = 60
solo

div. n.v. *mf*

div. n.v. *p*

p

28

Cl. I
p legato

Clar. II/
B. Cl.
p legato

Bsn I
p legato

Bsn II
p legato

Hn I
mute off
pp

Hn II
mute off
pp

Tpt I
mute off
pp

Tpt II
mute off
pp

Vln I
f

Ve.
p legato

Cb.
p legato

IX - Agitato

$\text{♩} = 92$

Flute I

Flute II / Piccolo [Piccolo]

Oboe I

Oboe II / English Horn [Oboe]

Clarinet I [in B \flat]

Clarinet II / Bass Clarinet [Clarinet in B \flat]

Bassoon I

Bassoon II

Horn I in F

Horn II in F

Trumpet I in C

Trumpet II in C

Trombone I

Harp

[Field Drum - snare off] (measured roll)

Percussion I

[Bass Drum] *pp* (measured roll - medium hard mallets) *cresc. poco a poco to end*

Percussion II

pp [Timpani Roto-Tom:] *cresc. poco a poco to end*

Percussion III

Violin I

Violin II

Viola

Violoncello

Contrabass

9

Fl. I *sfp* *f* *sf* *sf*

Fl. II / Picc. *sfp* *f* *sf* *sf*

Ob. I *sfp* *f* *sf* *sf*

Ob. II / Eng. Hn *sfp* *f* *sf* *sf*

Cl. I *sfp* *f* *sf* *sf*

Clar. II / B. Cl. *sfp* *f* *sf* *sf*

Bsn I *sfp* *f*

Bsn II *sfp* *f*

Hn I *pp*

Hn II *pp*

Tpt I *sf* *sf*

Tpt II *sf* *sf*

Tbn. I

Hp

Perc. I (f.dr.)

Perc. II (b.dr.)

Perc. III (timp.) *mp* *cresc. poco a poco to end* measured roll, hard mallets

Accel.

Più mosso

14

Fl. I *sfp* *f* *sfp* *f*

Fl. II / Picc. *sfp* *f* *sfp* *f*

Ob. I *sfp* *f* *sfp* *f*

Ob. II / Eng. Hn. *sfp* *f* *sfp* *f*

Cl. I *sfp* *f* *sfp* *f*

Clar. II / B. Cl. *sfp* *f* *sfp* *f*

Bsn I *pp* *pp*

Bsn II *pp* *pp*

Hn I *pp* *pp*

Hn II *pp* *pp*

Tpt I

Tpt II

Tbn. I

Hp

Perc. I (f.dr.) R.S. R.S. R.S. R.S. R.S. *ff*

Perc. II (b.dr.) *ff*

Perc. III (timp. / r.tom) *ff* (timp.) (Roto-tom)

9

Fl. I
Fl. II /
Picc.
Ob. I
Ob. II /
Eng. Hn
Cl. I
Clar. II /
B. Cl.
Bsn I
Bsn II
Hn I
Hn II
Tpt I
Tpt II
Tbn. I
Hp
Perc. I. (f.dr.)
Perc. II. (s.dr.)
Perc. III. [Roto-Tom]
Vln I
Vln II
Vla
Vc.
Cb.

13

Fl. I

Fl. II / Picc.

Ob. I

Ob. II / Eng. Hn

Cl. I

Clar. II / B. Cl.

Bsn I

Bsn II

Hn I

Hn II

Tpt I

Tpt II

Tbn. I

Hp

Perc. I. (f.dr.)

Perc. II. (s.dr.)

Perc. III. (r.t.)

Vln I

Vln II

Vla

Ve.

Cb.

cresc.

ff

snare off

5 (Eng. hn)

Ob. II / Eng. Hn

Hn I

Hn II

Tpt I

Tpt II

Tbn. I

Vln I

Vln II

Vla

Vc.

Detailed description: This page of a musical score contains eight staves. The top four staves are for woodwinds and brass: Ob. II / Eng. Hn, Hn I, Hn II, and Tbn. I. The bottom four staves are for strings: Vln I, Vln II, Vla, and Vc. The woodwind and brass parts feature long, sustained notes with slurs and hairpins, indicating a gradual dynamic change. The string parts consist of sustained notes with slurs and hairpins, mirroring the woodwind and brass parts. The Vln I part includes a trill (tr) at the beginning. The Vln II part includes a trill (tr) at the beginning. The Vla part includes a trill (tr) at the beginning. The Vc. part includes a trill (tr) at the beginning. The score is written in a common time signature and a key signature with one sharp (F#).

9

[repeat as fast as possible] *ppp* *mf* (*breathe ad lib.*) *p*

Cl. I

Clar. II / B. Cl.

[repeat as fast as possible] *ppp* (*breathe ad lib.*) *p*

Bsn I

Bsn II

Hn I

solo (ord.) *mf*

Tpt I

pp

Tpt II

pp

Tbn. I

pp

Hp

[repeat as fast as possible] *ppp* *p*

Perc. I. [Marimba] soft mallets [repeat as fast as possible] *ppp* *p*

Perc. II. (vib.) very soft mallets [repeat as fast as possible] *ppp* *p*

Ed.

Vln I div.

Vln II div.

Vla div.

Vc. div.

13

Cl. I *simile*

Clar. II /
B. Cl. *simile*

Bsn I

Bsn II

Hn I *mf dim. pp*

Hn II

Tpt I

Tpt II

Tbn. I

Hp (dampen) *simile*

Perc. I (mar.) *simile*

Perc. II (vib.) *simile*

XII - Poco Leggiero

$\text{♩} = 102$
[in B \flat]

Clarinet I

Harp
+++|+++|
mp

Percussion I
[Marimba]
mp

Percussion II
[Vibraphone]

Violin I
mp legato

Violin II

Viola
mp

Violoncello

Contrabass



5

Hp
mp

Perc. I
(mar.)
p

Perc. II
(vib.)
p

Vln I
p

Vln II
p

Vla
p

Vc.
mp legato

ff **Meno mosso** *mf* *f* **A tempo**

Cl. I

Hp

Perc. I. (mar.)

Perc. II (vib.)

Vln I

Vln II

Vla

Vc.

Cb.

mp

div.

7

Fl. I

Fl. II / Picc.

Ob. I

Ob. II / Eng. Hn.

Hp

Perc. I

Perc. II

Perc. III

Vln I

Vln II

Vla

Vc.

Cb.

ord. sul pont. ord. sul pont. ord. pizz. pizz. pizz.

mf *ff* *mf* *ff* *mf* *ff*

3 3 3 3 3 3

* Red *