

# VITAL SIGNS OF PLANET EARTH

Concerto for Bass Trombone

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ASCAP

## I. HEAT WAVE

Timorously ♩ = 60

The score is for a concerto for Bass Trombone, titled "I. HEAT WAVE". It is in 4/4 time and marked "Timorously" with a tempo of 60 beats per minute. The instrumentation includes Piccolo, Flute 1 & 2, Oboe 1/2, Bassoon 1/2, Contrabassoon, Clarinet in Bb 1, 2, & 3, Bass Clarinet, Alto Sax 1/2, Tenor Sax, Baritone Sax, Trumpet in Bb 1, 2, & 3, Horn in F 1/2 & 3/4, Trombone 1 & 2, Bass Trombone, Euphonium, Tuba, Double Bass, Harp, Piano, Timpani, and Percussion 1-6. The score is divided into five measures, with dynamic markings such as *ppp*, *ff*, *f*, *pp*, and *mf* throughout. The Bass Trombone part is the central focus, with a solo section in the fifth measure. The percussion section includes Crotales, Vibraphone, Slapstick, and Marimba.

1 2 3 4 5

6

Picc. *f* 6 6

Fl. 1 *p* *f* 3 3

Fl. 2 *p* *f* 3 3

Ob. 1/2 *p*

Bsn. 1/2 *ff* *p*

C. Bn. *ff* *p*

B $\flat$  Cl. 1 *p* 3 3 3 3

B $\flat$  Cl. 2 *p*

B $\flat$  Cl. 3 *p* 3 3 3 3

B. Cl. *ff* *p*

A. Sx. 1/2 *ff* *p*

T. Sx. *ff* *p*

B. Sx. *ff* *p*

B $\flat$  Tpt. 1 *str. mute* *p* 6 6

B $\flat$  Tpt. 2 *str. mute* *p* 6 6

B $\flat$  Tpt. 3 *str. mute* *p* 3 3 3 3

Hn. 1/2 *ff* *p*

Hn. 3/4 *ff* *p*

Tbn. 1 *p* *ff* *p*

Tbn. 2 *ff* *p*

B. Tbn. *p*

Euph. *p*

Tuba *ff* *p*

D.B. *ff* *arco* *p*

Solo B. Tbn.

Hp. *f* *ff* *f*

Pno. *f* *ff* *f*

Timp. *ff* *pp*

Perc. 1 *with mallets* *f* *to bells* *ff*

Perc. 2 *mf*

Perc. 3 *ff*

Perc. 4 [Sus. Cym.] *p* *ff* *p*

Perc. 5

Perc. 6

6 7 8 9

10

Picc. *ff*

Fl. 1 *ff*

Fl. 2 *ff*

Ob. 1/2 *ff*

Bsn. 1/2 *ff*

C. Bn. *ff*

B $\flat$  Cl. 1 *ff*

B $\flat$  Cl. 2 *ff*

B $\flat$  Cl. 3 *ff*

B. Cl. *ff*

A. Sx. 1/2 *ff*

T. Sx. *ff*

B. Sx. *ff*

10

B $\flat$  Tpt. 1 *ff*

B $\flat$  Tpt. 2 *ff*

B $\flat$  Tpt. 3 *ff*

Hn. 1/2 *ff*

Hn. 3/4 *ff*

Tbn. 1 *ff*

Tbn. 2 *ff*

B. Tbn. *ff*

Euph. *ff*

Tuba *ff*

D.B. *ff*

Solo B. Tbn. *ff*

Hp. *ff*

Pno. *ff*

10

Timp. *ff*

Perc. 1 *ff*

Perc. 2 *ff*

Perc. 3 *ff*

Perc. 4 *ff*

Perc. 5 *ff*

Perc. 6 *ff*

10

11

12

13

14

15



Picc.

Fl. 1

Fl. 2

Ob. 1/2

Bsn. 1/2

C. Bn.

B $\flat$  Cl. 1

B $\flat$  Cl. 2

B $\flat$  Cl. 3

B. Cl.

A. Sx. 1/2

T. Sx.

B. Sx.

B $\flat$  Tpt. 1

B $\flat$  Tpt. 2

B $\flat$  Tpt. 3

Hn. 1/2

Hn. 3/4

Tbn. 1

Tbn. 2

B. Tbn.

Euph.

Tuba

D.B.

Solo B. Tbn.

Hp.

Pno.

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Perc. 5

Perc. 6

The score is arranged in a standard orchestral layout. The woodwinds (Piccolo, Flutes, Oboe, Bassoon, Clarinets) and strings (Solo Bass Trombone, Harp, Piano) are in the upper section, while the brass (Trumpets, Horns, Trombones, Euphonium, Tuba) and percussion (Tympani, six Percussion parts) are in the lower section. The Solo Bass Trombone part features complex rhythmic patterns with dynamic markings like *mf*, *sfz*, and *f*. The Piano part consists of a steady eighth-note accompaniment with sixths. The woodwinds and brass parts have various dynamic markings and articulations throughout the piece.

26 Agitated ♩ = 100

24

Picc. *f* *p*

Fl. 1 *f* *p*

Fl. 2 *f* *p*

Ob. 1/2 *f* *p*

Bsn. 1/2 *ff* *p*

C. Bn. *ff*

B♭ Cl. 1 *f* *p*

B♭ Cl. 2 *f* *p*

B♭ Cl. 3 *f* *p*

B. Cl. *ff* *p*

A. Sx. 1/2 *mf* *p*

T. Sx. *mf*

B. Sx. *ff* *p*

26 Agitated ♩ = 100

B♭ Tpt. 1 *mf* *ff*

B♭ Tpt. 2 *mf* *ff*

B♭ Tpt. 3 *mf* *ff*

Hn. 1/2 *mf* *ff*

Hn. 3/4 *mf* *ff*

Tbn. 1 *ff*

Tbn. 2 *ff*

B. Tbn. *ff*

Euph. *ff*

Tuba *ff*

D.B. *ff* *pizz.* *p*

Solo B. Tbn. *mf*

26 Agitated ♩ = 100

Timp. *p* *ff*

Perc. 1 Bells D-B *p*

Perc. 2 Xylophone *p*

Perc. 3

Perc. 4 Tam-Tam *p* *ff* *to brake drums*

Perc. 5

Perc. 6 Bass Drum

# II. GLACIAL RETREAT

Venerative ♩ = 56

6

Picc.

Fl. 1

Fl. 2

Ob. 1/2

Bsn. 1/2

C. Bn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl.

A. Sx. 1/2

T. Sx.

B. Sx.

*ppp*

*ppp*

*ppp*

*ppp*

Venerative ♩ = 56

6

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

Hn. 1/2

Hn. 3/4

Tbn. 1

Tbn. 2

B. Tbn.

Euph.

Tuba

D.B.

Solo B. Tbn.

Hp.

Pno.

*pizz.*

*p*

*p*

*keep pedal depressed*

Venerative ♩ = 56

6

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Perc. 5

Perc. 6

G A B♭ E

Bowed Crotales

Vibraphone

*soft mallets*

*p*

*Waterphone*

*bows, turn and move from side to side*

*p*

1 2 3 4 5 6 7



13

Picc.

Fl. 1

Fl. 2

Ob. 1/2

Bsn. 1/2

C. Bn.

B $\flat$  Cl. 1

B $\flat$  Cl. 2

B $\flat$  Cl. 3

B. Cl.

A. Sx. 1/2

T. Sx.

B. Sx.

B $\flat$  Tpt. 1

B $\flat$  Tpt. 2

B $\flat$  Tpt. 3

Hn. 1/2

Hn. 3/4

Tbn. 1

Tbn. 2

B. Tbn.

Euph.

Tuba

D.B.

Solo B. Tbn.

Hp.

Pno.

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Perc. 5

Perc. 6

*to ocean drum*

16

20

Picc.

Fl. 1 *pp*

Fl. 2 *pp*

Ob. 1/2

Bsn. 1/2

C. Bn.

B $\flat$  Cl. 1 *pp*

B $\flat$  Cl. 2 *pp*

B $\flat$  Cl. 3 *pp*

B. Cl.

A. Sx. 1/2

T. Sx.

B. Sx.

16

20

B $\flat$  Tpt. 1

B $\flat$  Tpt. 2

B $\flat$  Tpt. 3

Hn. 1/2

Hn. 3/4

Tbn. 1

Tbn. 2

B. Tbn.

Euph.

Tuba

D.B.

Solo B. Tbn.

Hp.

Pno.

16

20

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Perc. 5

Perc. 6

21

Picc.  $\frac{6}{4}$   $\frac{4}{4}$

Fl. 1  $\frac{6}{4}$   $\frac{4}{4}$

Fl. 2  $\frac{6}{4}$   $\frac{4}{4}$

Ob. 1/2  $\frac{6}{4}$   $\frac{4}{4}$

Bsn. 1/2  $\frac{6}{4}$   $\frac{4}{4}$

C. Bn.  $\frac{6}{4}$   $\frac{4}{4}$

B $\flat$  Cl. 1  $\frac{6}{4}$   $\frac{4}{4}$

B $\flat$  Cl. 2  $\frac{6}{4}$   $\frac{4}{4}$

B $\flat$  Cl. 3  $\frac{6}{4}$   $\frac{4}{4}$

B. Cl.  $\frac{6}{4}$   $\frac{4}{4}$

A. Sx. 1/2  $\frac{6}{4}$   $\frac{4}{4}$

T. Sx.  $\frac{6}{4}$   $\frac{4}{4}$

B. Sx.  $\frac{6}{4}$   $\frac{4}{4}$

B $\flat$  Tpt. 1  $\frac{6}{4}$   $\frac{4}{4}$

B $\flat$  Tpt. 2  $\frac{6}{4}$   $\frac{4}{4}$

B $\flat$  Tpt. 3  $\frac{6}{4}$   $\frac{4}{4}$

Hn. 1/2  $\frac{6}{4}$   $\frac{4}{4}$

Hn. 3/4  $\frac{6}{4}$   $\frac{4}{4}$

Tbn. 1  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Tbn. 2  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

B. Tbn.  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Euph.  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Tuba  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

D.B.  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Solo B. Tbn.  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Hp.  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Pno.  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Timp.  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Perc. 1  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Perc. 2  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Perc. 3  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Perc. 4  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Perc. 5  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

Perc. 6  $\frac{6}{4}$   $\frac{4}{4}$   $\frac{4}{4}$   $\frac{4}{4}$

21 22 23 24

VITAL SIGNS OF PLANET EARTH



# III. DELUGE

Turbulent ♩ = 132

Picc. *ff*

Fl. 1 *ff*

Fl. 2 *ff*

Ob. 1/2 *ff*

Bsn. 1/2 *ff*

C. Bn. *ff*

B♭ Cl. 1 *ff*

B♭ Cl. 2 *ff*

B♭ Cl. 3 *ff*

B. Cl. *ff*

A. Sx. 1/2 *ff*

T. Sx. *ff*

B. Sx. *ff*

Turbulent ♩ = 132

B♭ Tpt. 1 *ff*

B♭ Tpt. 2 *ff*

B♭ Tpt. 3 *ff*

Hn. 1/2 *ff*

Hn. 3/4 *ff*

Tbn. 1 *ff*

Tbn. 2 *ff*

B. Tbn. *ff*

Euph. *ff*

Tuba *ff*

D.B. *ff*

Solo B. Tbn.

Hp. *ff*

Pno. *ff*

Turbulent ♩ = 132

Timp. *ff*

Perc. 1 *ff* [Crotales]

Perc. 2 *ff* [Bells]

Perc. 3 *ff*

Perc. 4 *ff* [Brake Drums]

Perc. 5 *ff*

Perc. 6 *ff* [Bass Drum]

Picc.   
 Fl. 1   
 Fl. 2   
 Ob. 1/2   
 Bsn. 1/2   
 C. Bn.   
 B♭ Cl. 1   
 B♭ Cl. 2   
 B♭ Cl. 3   
 B. Cl.   
 A. Sx. 1/2   
 T. Sx.   
 B. Sx.   
 B♭ Tpt. 1   
 B♭ Tpt. 2   
 B♭ Tpt. 3   
 Hn. 1/2   
 Hn. 3/4   
 Tbn. 1   
 Tbn. 2   
 B. Tbn.   
 Euph.   
 Tuba   
 D.B.   
 Solo B. Tbn.   
 Hp.   
 Pno.   
 Timp.   
 Perc. 1   
 Perc. 2   
 Perc. 3   
 Perc. 4   
 Perc. 5   
 Perc. 6

9

Picc. *mf*

Fl. 1 *mf*

Fl. 2 *mf*

Ob. 1/2 *mf*

Bsn. 1/2 *mf*

C. Bn. *mf*

B $\flat$  Cl. 1 *mf*

B $\flat$  Cl. 2 *mf*

B $\flat$  Cl. 3 *mf*

B. Cl. *mf*

A. Sx. 1/2 *mf*

T. Sx. *mf*

B. Sx. *mf*

9

B $\flat$  Tpt. 1 *ff*

B $\flat$  Tpt. 2 *ff*

B $\flat$  Tpt. 3 *ff*

Hn. 1/2 *ff*

Hn. 3/4 *ff*

Tbn. 1 *ff*

Tbn. 2 *ff*

B. Tbn. *ff*

Euph. *ff*

Tuba *ff*

D.B. *ff*

Solo B. Tbn.

Hp. *mf*

Pno. *mf*

9

Timp. *mf*

Perc. 1 *mf*

Perc. 2 *mf*

Perc. 3 *mf*

Perc. 4 *mf*

Perc. 5 *mf*

Perc. 6 *mf*

9

10

11

12

Picc. *ff*

Fl. 1 *ff*

Fl. 2 *ff*

Ob. 1/2 *ff*

Bsn. 1/2 *ff*

C. Bn. *ff*

B $\flat$  Cl. 1 *ff*

B $\flat$  Cl. 2 *ff*

B $\flat$  Cl. 3 *ff*

B. Cl. *ff*

A. Sx. 1/2 *ff*

T. Sx. *ff*

B. Sx. *ff*

B $\flat$  Tpt. 1 *ff*

B $\flat$  Tpt. 2 *ff*

B $\flat$  Tpt. 3 *ff*

Hn. 1/2 *ff*

Hn. 3/4 *ff*

Tbn. 1 *ff*

Tbn. 2 *ff*

B. Tbn. *ff*

Euph. *ff*

Tuba *ff*

D.B. *ff*

Solo B. Tbn. *ff*

Hp. *ff*

Pno. *ff*

Timp. *ff*

Perc. 1 *ff*

Perc. 2 *ff*

Perc. 3 *ff*

Perc. 4 *ff*

Perc. 5 *ff*

Perc. 6 *ff*

*to ribbon crusher*

*to hi-hat*

*to congas*

13 14 15 16

17

Picc.   
 Fl. 1   
 Fl. 2   
 Ob. 1/2   
 Bsn. 1/2   
 C. Bn.   
 B $\flat$  Cl. 1   
 B $\flat$  Cl. 2   
 B $\flat$  Cl. 3   
 B. Cl.   
 A. Sx. 1/2   
 T. Sx.   
 B. Sx.   
 Dynamics: *p*, *flutter tongue*

17

B $\flat$  Tpt. 1   
 B $\flat$  Tpt. 2   
 B $\flat$  Tpt. 3   
 Hn. 1/2   
 Hn. 3/4   
 Tbn. 1   
 Tbn. 2   
 B. Tbn.   
 Euph.   
 Tuba   
 D.B.   
 Solo B. Tbn.   
 Dynamics: *ff*, *flutter tongue*, *p*

Hp.   
 Pno.

17

Timp.   
 Perc. 1   
 Perc. 2   
 Perc. 3   
 Perc. 4   
 Perc. 5   
 Perc. 6   
 Dynamics: *p*

21  $\text{♩} = \text{♩}$  22  $\text{♩} = 132$

Picc.  $\text{ff}$

Fl. 1  $\text{ff}$

Fl. 2  $\text{ff}$

Ob. 1/2  $\text{ff}$

Bsn. 1/2  $\text{ff}$

C. Bn.  $\text{ff}$

B♭ Cl. 1  $\text{ff}$

B♭ Cl. 2  $\text{ff}$

B♭ Cl. 3  $\text{ff}$

B. Cl.  $\text{ff}$

A. Sx. 1/2  $\text{ff}$

T. Sx.  $\text{ff}$

B. Sx.  $\text{ff}$

21  $\text{♩} = \text{♩}$  22  $\text{♩} = 132$

B♭ Tpt. 1  $\text{ff}$

B♭ Tpt. 2  $\text{ff}$

B♭ Tpt. 3  $\text{ff}$

Hn. 1/2  $\text{ff}$

Hn. 3/4  $\text{ff}$

Tbn. 1  $\text{ff}$

Tbn. 2  $\text{ff}$

B. Tbn.  $\text{ff}$

Euph.  $\text{ff}$

Tuba  $\text{ff}$

D.B.  $\text{ff}$

Solo B. Tbn.  $f$

Hp.

Pno.

21  $\text{♩} = \text{♩}$  22  $\text{♩} = 132$

Timp.  $\text{ff}$

Perc. 1 *to thunder sheet*

Perc. 2 *Ribbon Crasher*

Perc. 3 *Crash Cymbal*  $\text{ff}$  *to bell plates*

Perc. 4 *Hi-Hat (closed)*  $p$

Perc. 5 *Bongos*  $p$

Perc. 6 *Congas*  $p$