

RICE UNIVERSITY

The Four Winds for Orchestra

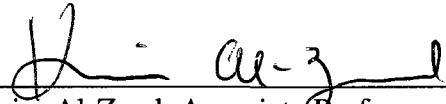
by

Luke Carlson

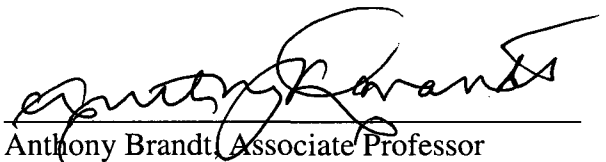
A THESIS SUBMITTED
IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE DEGREE

Master of Music

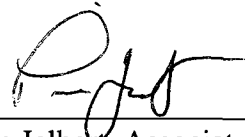
APPROVED THESIS COMMITTEE:



Karim Al-Zand, Associate Professor
Composition and Theory



Anthony Brandt, Associate Professor
Composition and Theory



Pierre Jalbert, Associate Professor
Composition and Theory

HOUSTON, TEXAS
APRIL 2010

UMI Number: 1486079

All rights reserved

INFORMATION TO ALL USERS

The quality of this reproduction is dependent upon the quality of the copy submitted.

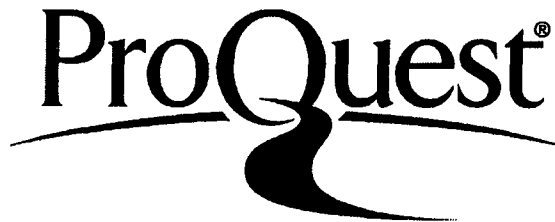
In the unlikely event that the author did not send a complete manuscript and there are missing pages, these will be noted. Also, if material had to be removed, a note will indicate the deletion.



UMI 1486079

Copyright 2010 by ProQuest LLC.

All rights reserved. This edition of the work is protected against unauthorized copying under Title 17, United States Code.



ProQuest LLC
789 East Eisenhower Parkway
P.O. Box 1346
Ann Arbor, MI 48106-1346

Copyright
Luke Carlson
2010

ABSTRACT

The Four Winds for Orchestra

by

Luke Carlson

It is my intent to portray the “Four Winds” in an abstract way, painting a musical impression in each movement. To facilitate this, I am treating each wind as a unique character and featuring one of the four families of orchestral instruments in each movement. The first, entitled “Squall,” is brisk and energetic, like a coastal breeze blowing from the West. It is represented by the string section which soars in dense clouds of pitch clusters. “Zephyr” is calm and light, like a cold and bitter Northern wind. The percussion propels the motion in a subtle and delicate fashion. The third wind is a warm, sweltering Southern wind, featuring richly orchestrated woodwind chorales; it is entitled “Sirocco,” after the hot, dusty and humid Saharan wind. “Cyclone” is the final wind that blows from the East. Its mood is unrelenting, fierce and overpowering; it features the brass as apocalyptic messengers.

Instrumentation

3 Flutes
Fl. 1 doubles Alto flute
Fl. 3 doubles Piccolo
3 Oboes
3 Clarinets in B \flat
1 Bass Clarinet
3 Bassoons
Bsn. 3 doubles Contrabassoon

4 Horns in F
3 Trumpets in C
2 Tenor Trombones
1 Bass Trombone
Tuba

Timpani

Percussion:

Percussion 1:
Slapstick
6 Tom Toms
Vibraphone

Percussion 2:
Snare Drum
Suspended Cymbal
Tam Tam
Glockenspiel

Percussion 3:
Marimba
Large Bass Drum
Tam Tam
Toms

Percussion 4:
Small Bass Drum

Piano
Celesta

Harp

Violin I
Violin II
Viola
Cello

Double Bass

Performance Notes

The gesture on the timpani (Mvt. III)
is achieved by placing a cymbal on the
drum head, as shown in the illustration.



Program Notes

"The Four Winds" takes its title from the Bible. They are mentioned in both the Old and New Testaments: from the Old Testament, Ezekiel 37:9, "*Come from the four winds, O breath, and breathe on these slain, that they may live.*" And from the New Testament, Revelation 7:1, "*I saw four angels standing at the four corners of the earth, holding back the four winds of the earth to prevent any wind from blowing on the land or on the sea or on any tree.*" These "winds" are physical and spiritual; constructive and destructive; literal and figurative. They refer both to giving life and causing death and it is this mysterious dichotomy, as well as the wondrous imagery of the winds, that serves as the inspiration for this music.

It is my intent to portray these "Four Winds" in an abstract way, painting a musical impression in each movement. To facilitate this, I am treating each wind as a unique character unto itself and featuring one of the four families of orchestral instruments in each movement. The first, entitled "Squall," is brisk and energetic, like a sudden coastal breeze blowing from the West. It is represented by the string section which soars in dense, but not overly dissonant, clouds of pitch clusters. "Zephyr," the second movement, is calm and light, like a cold and bitter Northern wind. The percussion propels the motion in a subtle and delicate fashion. The third wind is a warm, sweltering Southern wind, featuring richly orchestrated woodwind chorales; it is entitled "Sirocco," after the hot, dusty and humid Saharan wind. "Cyclone" is the final wind that blows from the East. Its mood is unrelenting, fierce and overpowering; it features the brass as apocalyptic messengers.



Luke Carlson
541-357-7153
www.lukecarlsonmusic.com

The Four Winds

Briskly (♩ = c. 96) ♩ = ♩

I. Squall

Luke Carlson | 2010

This is a full orchestral score for the piece "The Four Winds: I. Squall" by Luke Carlson. The score is written for a large ensemble and includes the following parts:

- Piccolo
- 2 Flutes
- 3 Oboes
- 2 Clarinets in B♭
- Bass Clarinet
- 2 Bassoons
- Contrabassoon
- 4 Horns in F (1st, 2nd, 3rd, 4th)
- 3 Trumpets in C (1st, 2nd, 3rd)
- 3 Trombones (1st, 2nd, 3rd)
- Tuba
- Timpani
- Percussion (1: Sapsstich, 2: Sus. Cym., 3: Bass Dr., regular mallet)
- Harp
- Piano
- Violin I (1st, 2nd)
- Violin II (1st, 2nd)
- Viola (1st, 2nd)
- Cello
- Double Bass

The score features various musical notations such as dynamics (e.g., *mf*, *ff*, *p cresc.*), articulation (e.g., *gliss.*, *divisi*), and performance instructions (e.g., *tutti sul G*, *pizz.*). The piece is in a 4/4 time signature and begins with a tempo marking of "Briskly" at approximately 96 beats per minute.

8

This page of a musical score, labeled '8' in a box at the top left, contains the following parts and markings:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Bass Clarinet (B.Cl.), Clarinet in B-flat (B. Cl.), Bassoon (Bsn.), and Contrabassoon (C. Bn.).
- Brass:** Horns (Hn.) 1, 2, 3, 4; Trumpets (Tpt.) 1, 2, 3; Trombones (Tbn.) and Tuba.
- Strings:** Violins I (Vln. I) and Violins II (Vln. II), each with parts 1 and 2; Violas (Vla.) 1 and 2; Violas (Vc.) and Double Basses (D.B.).
- Percussion:** Timpani (Timp.), Snare Drum (Snare Dr.), Bass Drum (Bass Dr.), Tam Tam w/ beater, and Bass Drum w/ wooden stick.
- Other:** Harp (Hp.) and Piano (Pno.).

Key performance markings include dynamics such as *mp*, *f*, and *pp*; articulation like *acc.*, *stacc.*, and *tr.*; and playing techniques such as *arco*, *pizz.*, and *gliss.*. The score is written in a 4/4 time signature.

27

Picc.
 Fl.
 Ob.
 Cl. I
 Cl. II
 Bsn.
 C. Bn.
 1
 2
 Hn.
 3
 4
 Tpt.
 Tbn.
 Tuba
 Timp.
 1
 Perc. 2 *Snare Dr. (snare off)*
 3
 Hp.
 Pno.
 1 (2 stands)
 2 (2 stands)
 Vin. I
 1 (2 stands)
 2 (2 stands)
 Vin. II
 1 (2 stands)
 2 (2 stands)
 Vla.
 Vc. (2 stands)
 D.B. (2 basses)

34

This page of a musical score, numbered 34, contains the following parts and staves:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Bass Clarinet (B. Cl.), Clarinet (Cl.), Bassoon (Bsn.), and Contrabassoon (C. Bn.).
- Brass:** Horns (Hn. 1-4), Trumpets (Tpt.), Trombones (Tbn.), and Tuba.
- Percussion:** Timpani (Timp.), Percussion 1 (Perc. 1), Percussion 2 (Perc. 2), and Percussion 3 (Perc. 3).
- Keyboard:** Harp (Hp.) and Piano (Pno.).
- Strings:** Violins I (Vin. I 1-2), Violins II (Vin. II 1-2), Viola (Via.), Violoncello (Vc.), and Double Bass (D. B.).

The score is written in 4/4 time and includes various musical notations such as dynamics (e.g., *ff*, *f*), articulation marks, and phrasing slurs. The woodwinds and strings are particularly active in this section.

41

Picc.

Fl.

Ob.

Bi. Cl.

B. Cl.

Bsn.

C. Bn.

1

2

3

4

Hn.

Tpt.

Tbn.

Tuba

Timp.

1

2

3

Perc.

Snare Dr.

snare on

Toms soft mallets

Bass Dr. wooden stick

Hp.

Pno.

Vln. I

Vln. II

Vla.

Vc.

D.B.

tutti

mp

f

divisi

phz.

mf

f

47

This page of a musical score, numbered 47, contains the following parts and staves:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Bass Clarinet (B.C.), Clarinet in B-flat (B. Cl.), Bassoon (Bsn.), and Contrabassoon (C. Bn.).
- Brass:** Horns (Hn. 1-4), Trumpets (Tpt.), Trombones (Tbn.), and Tuba.
- Percussion:** Timpani (Timp.), Percussion 1, 2, and 3.
- Piano:** Harp (Hp.) and Piano (Pno.).
- Strings:** Violins I (Vin. I 1-2), Violins II (Vin. II 1-2), Violas (Vla. 1-2), Violoncello (Vc.), and Double Bass (D.B.).

The score is written in 4/4 time. The woodwinds and brass sections are mostly silent on this page. The percussion parts feature rhythmic patterns, with Percussion 1 and 2 playing sixteenth-note figures and Percussion 3 playing a bass drum pattern. The strings play a sustained harmonic accompaniment, with dynamic markings such as *mp* and *f* appearing in the later staves.

56

This page of a musical score, numbered 56, contains the following parts and markings:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), B♭ Clarinet (B♭ Cl.), B Clarinet (B. Cl.), Bassoon (Bsn.), and Contrabassoon (C. Bn.).
- Brass:** Horns 1-4 (Hn.), Trumpets (Tpt.), Trombones (Tbn.), Tuba, and Timpani (Timp.).
- Percussion:** Tom-toms (Toms), Snare Drum (Snare Dr.), and Bass Drum (Bass Dr.) with a regular mallet.
- Keyboard:** Harp (Hp.) and Piano (Pno.).
- Strings:** Violins I and II (Vln. I, Vln. II), Violas (Vla.), Violoncello (Vc.), and Double Bass (D.B.).

Dynamic markings include *mp*, *f*, *p*, and *cresc.*. The score features various musical notations such as slurs, accents, and articulation marks. The percussion parts include specific rhythmic patterns for the Snare and Bass Drums.

Picc.
 Fl.
 Ob.
 B♭ Cl.
 B. Cl.
 Bsn.
 C. Bn.
 1
 2 Hn.
 3
 4
 Tpt.
 Tbn.
 Tuba
 Timp.
 1
 2 Perc.
 3
 Hp.
 Pno.
 1
 2 Vln. I
 1
 2 Vln. II
 1
 2 Vla.
 Vc.
 D.B.

II. Zephyr

Coldly (♩ = c. 46)

1 Alto Flute
3 Flutes
2 Oboes
2 Clarinets in B \flat
Bass Clarinet
3 Bassoons
4 Horns in F
3 Trumpets in C
3 Trombones
Tuba
Timpani
Vibraphone
Marimba
Percussion
Harp
Piano
Violin I
Violin II
Viola
Cello
Double Bass

Annotations:
 • blow through instrument without tone
 soft mallets mator off
 soft mallets
 * gliss. on string with metal tuning key or smooth metallic object
 * gliss.
 * gliss.
 *trapped (con ped.)
 Piano
 Sus. Cym. w/brushes
 switch to Flute
 to Celesta

7

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

- Flute (Fl.):** Part 1 with dynamic markings *mp* and *pp*.
- Oboe (Ob.):** Part 1 with dynamic markings *f* and *mp*.
- Bass Clarinet (B.Cl.):** Part 1 with dynamic markings *mf* and *f*.
- Bassoon (Bsn.):** Part 1 with dynamic markings *mp*, *pp*, and *f*.
- Horn (Hn.):** Parts 1, 2, 3, and 4 with dynamic markings *pp* and *f*.
- Trumpet (Tpt.):** Part 1 with dynamic markings *pp* and *f*.
- Trumpet (Tbn.):** Part 1 with dynamic markings *pp* and *f*.
- Tuba:** Part 1 with dynamic markings *pp* and *f*.
- Timpani (Timp.):** Part 1.
- Vibraphone (Vib.):** Part 1 with dynamic markings *f* and *ppp*, and the instruction "soft mallets".
- Mridangam (Mrb.):** Part 1.
- Percussion (Perc.):** Part 1 with dynamic markings *mf* and *f*, and instructions "Tom Toms (6 high to low) wooden sticks" and "Tam Tam w/ beater".
- Harpsichord (Hp.):** Part 1.
- Celesta (Cel.):** Part 1 with dynamic markings *pp*, *ppp*, *f*, and *ppp*, and instructions "Celesta" and "to Piano".
- Violin I (Vln. I):** Part 1 with dynamic markings *mp*, *f dim.*, *p*, and *ppp*, and performance instructions "with vib.", "molto vib.", and "non vib.".
 - Violin II (Vln. II): Part 1 with dynamic markings *mp*, *f dim.*, *p*, and *ppp*, and performance instructions "with vib.", "molto vib.", and "non vib.".
 - Viola (Vla.): Part 1 with dynamic markings *mp*, *f dim.*, *p*, and *ppp*, and performance instructions "molto vib.", "non vib.", and "non vib.".
 - Violoncello (Vc.): Part 1 with dynamic markings *mp*, *pp*, *f dim.*, *p*, and *ppp*, and performance instructions "molto vib.", "non vib.", and "non vib.".
 - Double Bass (D.B.): Part 1 with dynamic markings *f*, *dim.*, *p*, and *ppp*, and performance instructions "arco", "molto vib.", and "non vib.".
 - Dynamic markings *f*, *dim.*, *p*, and *ppp* are also present at the bottom of the page.

12

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

- Fl.**: Flute part with a first ending bracket labeled "1." and dynamic markings *mp* and *fp*.
- Ob.**: Oboe part with dynamic markings *mp* and *fp*.
- B♭ Cl.**: Bass Clarinet part.
- B. Cl.**: Baritone Clarinet part.
- Bsn.**: Bassoon part.
- Hn.**: Horns, parts 1, 2, 3, and 4.
- Tpt.**: Trumpet part.
- Tbn.**: Trombone part with a first ending bracket labeled "1." and dynamic marking *fp*, and the instruction "con sord." (con sordina).
- Tuba**: Tuba part.
- Timp.**: Timpani part.
- Vib.**: Vibraphone part with dynamic markings *mp*, *mp*, and *p*.
- Mrb.**: Mallets part with dynamic markings *mp* and *fp*.
- Perc.**: Percussion part with a bracket labeled "Sus. Cym." and "soft mallets", and dynamic markings *p* and *fp*.
- Hp.**: Harp part with dynamic marking *mp* and the instruction "gliss." (glissando).
- Pno.**: Piano part with dynamic marking *f* and the instruction "stopped".
- Vln. I**: Violin I part with dynamic markings *fff*, *p*, *fff*, *p*, and *fff*, and the instruction "(vib.) sul tasto".
- Vln. II**: Violin II part with dynamic markings *fff*, *p*, *fff*, *p*, and *fff*, and the instruction "(vib.) sul tasto".
- Vla.**: Viola part with dynamic markings *fp* and *fff*, and the instruction "(vib.)".
- Vc.**: Violoncello part.
- D.B.**: Double Bass part with dynamic markings *fp* and *fff*, and the instruction "(vib.)".

19

1 Fl. *ft.* *p* *mp* *p* *FFF* *ord.* *p* *mp* *ord.* *Alto Flute* *FP* *FFF*

2 Fl. *ft.* *mp* *p* *FFF* *ord.* *p* *mp* *ord.*

3 Fl. *mp* *p* *FFF* *ord.* *p* *mp* *ord.*

Ob. *ord.* *p* *mp* *ord.*

B. Cl. 1 *FP* *FP* *FFF*

B. Cl. 2 *FP* *FP* *FFF*

B. Cl. *FP* *FP* *FFF*

Bsn. *FP* *FP* *FFF*

1 Hn. *mf* *FP* *mf* *FP*

2 Hn. *mf* *FP* *mf* *FP*

3 Hn. *mf* *FP* *mf* *FP*

4 Hn. *mf* *FP* *mf* *FP*

Tpt. *mf* *FP* *mf* *FP*

Tbn. *mf* *FP* *mf* *FP*

Tuba *mf* *FP* *mf* *FP*

Timp. *gliss.* *FFF* *mp* *FFF* *FP* *mp* *FP*

Vib. *mp* *mf* *mf*

Mrb. *mp* *mf* *mf*

1 Perc. *Tam Tam* *FP*

2 Perc. *Tam Tam* *FP*

Hp. *gliss.* *mf* *gliss.* *mf*

Pno. *f* *f*

1 Vln. I *divisi* *sul pont.* *p* *mp* *p* *FFF* *ord. non vib.* *p* *mp* *FP* *solo* *FP* *FFF*

2 Vln. I *sul pont.* *mp* *p* *FFF* *ord. non vib.* *p* *mp* *FP*

Vln. II *FP* *FP* *FFF*

Vla. *(non vib.)* *FFF* *mp* *FFF* *p* *mp* *FFF*

Vc. *(non vib.)* *FFF* *mp* *FFF* *p* *mp* *FFF*

D.B. *(non vib.)* *Sul E* *FFF* *mp* *FFF* *Sul D* *p* *mp* *FP* *divisi* *mp* *FP* *very delicately* *FP* *very delicately*

III. Sirocco

Warmly (♩ = c. 60)

3 Flutes

3 Oboes

2 Clarinets in B \flat
1
2

Bass Clarinet

2 Bassoons

Contrabassoon

4 Horns in F
1
2
3
4

3 Trumpets in C

3 Trombones

Tuba

Timpani

Vibraphone

Marimba

Percussion

Harp

Violin I

Violin II

Viola
1
2

Cello
1
2

Double Bass
1
2

Dynamics and performance markings include: *fff*, *mp*, *p*, *con sord. sempre*, *pliz.*, *arco*, *soft mallets*, *(let all notes vibrate)*, *2 stands*, and *half section*.

9

Fl.

Ob.

1 B. Cl.

2 B. Cl.

B. Cl.

1 Bsn.

2 Bsn.

C. Bn.

1 Hn.

2 Hn.

3 Hn.

4 Hn.

Tpt.

Tbn.

Tuba

Timp.

Vib.

Mrb.

Perc.

Hp.

Vln. I

2 stands

Vln. II

2 stands

Vla.

1

2

Vc.

1

2

D.B.

1

2

musical score with various dynamics and performance instructions.

17

This page of a musical score, numbered 16, contains the following parts and markings:

- Woodwinds:** Piccolo (Picc.), Flute 1 and 2 (Fl. 1, 2), Oboe (Ob.), Bassoon 1 and 2 (Bsn. 1, 2), and Contrabassoon (C. Bn.).
- Brass:** B♭ Clarinet 1 and 2 (B♭ Cl. 1, 2), B♭ Clarinet (B. Cl.), Bass Trombone 1, 2, and 3 (Tbn. 1, 2, 3), and Tuba.
- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (D.B.).
- Percussion:** Timpani (Timp.), Vibraphone (Vib.), Mridangam (Mrb.), and other Percussion (Perc.).
- Other:** Harp (Hp.).

Key performance markings include *ppp* (pianissimo), *f* (forte), *mf* (mezzo-forte), *pp* (pianissimo), *p* (piano), *plisz* (pizzicato), *arco* (arco), and *tutti* (tutti). Specific instructions for the strings include *tutti divisi* and *divisi in 4*. The score is written in a key with one flat and a common time signature.

25

Picc. *pp*
 Fl. 1, 2 *pp* *fpp* *mp* *mf* *fpp*
 Ob. *pp* *fpp* *mp* *mf* *fpp*
 Cl. 1, 2 *pp* *fpp* *mp* *mf* *fpp*
 B. Cl. *pp* *fpp* *mp* *mf* *fpp*
 Bsn. (1,1) *pp* *fpp* *mp* *mf* *fpp*
 C. Bn. *pp* *fpp* *mp* *mf* *fpp*
 Hn. 1, 2, 3, 4 *pp* *fpp* *mp* *mf* *fpp*
 Tpt. 1, 2, 3 *pp*
 Tbn. 1, 3 *pp*
 Tuba *pp*
 Timp.
 Vib.
 Mrb.
 Perc.
 Hp. *mf* *p* *pp*
 Vln. I *p* *fpp*
 Vln. II *p* *fpp*
 Vla. 1, 2 *p* *fpp*
 Vc. 1, 2 *p* *fpp* *divisi* *fpp*
 D.B. 1, 2 *p* *fpp* *divisi in 4* *fpp*

IV. Cyclone

18

Furiously (♩ = c. 144)

The score is arranged in systems for the following instruments:

- Piccolo
- 2 Flutes
- 3 Oboes
- 3 Clarinets in B♭
- 3 Bassoons
- 4 Horns in F (1, 2, 3, 4)
- 3 Trumpets in C (1, 2, 3)
- 3 Trombones (1, 2, 3)
- Tuba
- Timpani
- Percussion (1: Toms wooden sticks; 2: Tam Tam w/ beater; 3: Sm. Bx. Dr.; 4: wooden sticks (play near rim to articulate))
- Piano
- Violin I
- Violin II
- Viola
- Cello
- Double Bass

Dynamic markings include *fff* and *ff*. Performance instructions for strings include "senza sord." and "gliss. (sim.)".

* All gliss. should be played as written, not as port.

7

This page of a musical score, numbered 19, contains a variety of instruments. The woodwind section includes Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Bass Clarinet (B.Clar.), and Bassoon (Bsn.). The brass section consists of Horns (Hn.), Trumpets (Tpt.), Trombones (Tbn.), and Tuba. The percussion section features Timpani (Timp.), a set of four Percussion instruments (1-4), and a Piano (Pno.). The string section includes Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (D.B.). The score is written in 4/4 time and includes dynamic markings such as *ff* and *fff*. Performance instructions like "Tutti" and "Tam Tam" are present. The page is marked with a circled number "7" in the top left corner.

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

- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vcllo), and Double Bass (D.B.).
- Piano:** Pno.
- Percussion:** Perc. (1, 2, 3, 4), Timp., and Tuba.
- Brass:** Trumpets (Tpt. 1, 2, 3), Horns (Hn. 1, 2, 3, 4), Trombones (Tbn. 1, 2, 3), and Basses (Bsn. 1, 2, 3).
- Woodwinds:** Flute (Fl.), Oboe (Ob.), Clarinet (Cl.), and Piccolo (Picc.).

The score is written in a major key and 4/4 time. It features a variety of musical notations, including notes, rests, slurs, and dynamic markings such as *ff* (fortissimo). The percussion section includes a 'clock' sound effect. The woodwind section includes first and second endings for the Flute and Oboe.

18

Picc.
Fl.
Ob.
B♭ Cl.
1
2
3 Bsn.
1
2
3 Hn.
1
2
3 Tpt.
1
2
3 Tbn.
Tuba
Timp.
1
2
3
4 Perc.
Pno.
Vln. I
Vln. II
Via.
Vc.
D.B.

ff

Toms
Glock.
Tam Tam
Sn. Bk. Dr.

23

Picc.

Fl.

Ob.

B♭ Cl.

1
2
3 Bsn.

1
2
3 Hn.

1
2
3 Tpt.

1
2
3 Tbn.

Tuba

Timp.

1
2
3
4 Perc.

Pno.

1
2 Vln. I

Vln. II

Vla.

Vc.

D.B.

The score consists of multiple staves for various instruments. The woodwind section includes Piccolo, Flute, Oboe, and Bass Clarinet, all with dynamic markings of *ff* and *fff*. The brass section includes three Bassoons, three Horns, three Trumpets, three Trombones, and one Tuba, with dynamics ranging from *ff* to *p*. The percussion section includes Timpani, four types of Percussion (3 and 4 marked *ff*), and Piano. The string section includes Violins I and II, Viola, Violoncello, and Double Bass, with dynamics from *ff* to *p*. The score includes various musical notations such as slurs, accents, and dynamic markings.

29

This page of a musical score, numbered 29, contains the following parts and staves:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Bass Clarinet (B♭ Cl.), and Bassoon (Bsn.).
- Brass:** Horns (Hn., 1-4), Trumpets (Tpt., 1-3), Trombones (Tbn., 1-2), and Tuba.
- Percussion:** Timpani (Timp.), Toms (1-2), and other Percussion (Perc., 3-4) including Tam Tam and Small Snare Drum (Sm. Sn. Dr.).
- Piano:** Piano (Pno.).
- Strings:** Violin I (Vln. I, 1-2), Violin II (Vln. II), Viola (Via.), Violoncello (Vc.), and Double Bass (D.B.).

The score is written in 5/4 time and features dynamic markings such as *p*, *ff*, *f*, and *fff*. It includes various musical notations like slurs, accents, and articulation marks. The percussion parts are marked with specific instrument names in boxes.

39

This page of a musical score, numbered 39, contains the following instruments and parts:

- Picc.** (Piccolo)
- Fl.** (Flute)
- Ob.** (Oboe)
- B♭ Cl.** (Bass Clarinet)
- Bsn.** (Bassoon)
- Hn.** (Horn) - parts 1, 2, 3, 4
- Tpt.** (Trumpet) - parts 1, 2
- Tbn.** (Trombone) - parts 1, 2
- Tuba**
- Timp.** (Timpani) - part 1
- Perc.** (Percussion) - parts 2, 3, 4
- Pno.** (Piano)
- Vln. I** (Violin I) - parts 1, 2
- Vln. II** (Violin II)
- Vla.** (Viola)
- Vc.** (Violoncello)
- D.B.** (Double Bass)

The score includes dynamic markings such as *f* (forte), *p* (piano), *mp* (mezzo-piano), and *ff* (fortissimo). A specific instruction for the Timpani part reads: *p poco a poco cresc. ... mp*. The page is filled with musical notation, including staves with notes, rests, and various performance instructions.

49

This page of a musical score, numbered 49, contains the following parts and markings:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Bass Clarinet (B♭ Cl.), and Bassoon (Bsn.).
- Brass:** Horns (Hn., parts 1, 2, 3, 4), Trumpets (Tpt., parts 1, 2), Trombones (Tbn., parts 1, 2), and Tuba.
- Percussion:** Timpani (Timp.) with a *(cresc.)* marking and *mf* dynamic; Tom-toms (Toms) with a *(cresc.)* marking and *mf* dynamic; and four other Percussion parts (Perc. 1-4).
- Piano:** Piano (Pno.).
- Strings:** Violins I (Vln. I, parts 1, 2), Violins II (Vln. II), Viola (Via.), Violoncello (Vc.), and Double Bass (D.B.).

The score includes various musical notations such as dynamics (*mf*, *p*), crescendos (*(cresc.)*), and articulation marks. The woodwinds and brass parts feature long, sustained notes with dynamic markings. The percussion parts show rhythmic patterns, particularly in the timpani and tom-toms. The string parts consist of sustained notes with dynamic markings.

accel. ----- Tempo I (♩ = c. 144)

56

This page of a musical score includes the following parts and markings:

- Picc.** (Piccolo): *mf* to *f*
- Fl.** (Flute): *mf* to *f*
- Ob.** (Oboe): *f*
- B.C.** (Bass Clarinet): *f*
- Bsn.** (Bassoon): *f*
- Hr.** (Horn): *p* to *ff*
- Tpt.** (Trumpet): *p* to *ff*
- Tbn.** (Trumpet): *p* to *ff*
- Tuba**: *p* to *ff*
- Timp.** (Timpani): *(cresc.)* to *f*
- Perc.** (Percussion): *mf cresc.* to *f*; includes **Tam Tam** and **Sm. Bn. Dr.**
- Pno.** (Piano): (Empty staff)
- Vln. I** (Violin I): *p* to *ff*
- Vln. II** (Violin II): *p* to *ff*
- Vla.** (Viola): *p* to *f*
- Vc.** (Violoncello): *p* to *ff*
- D.B.** (Double Bass): *f*; includes **divisi** marking

63

Picc. 1

Fl. 1 2

Ob. 1 2

B.Cl. 1 2 3

Bsn.

Hn. 1 2 3 4

Tpt. 1 2 3

Tbn. 1 2 3

Tuba

Timp.

Perc. 1 [Toms] 2 3 [Tam Tam] 4 [Sm. Bb. Dr.]

Pno.

Vln. I 1 2

Vln. II

Vla.

Vc.

D.B.

This page of an orchestral score, numbered 71 in the top left and 28 in the top right, contains measures 71 through 74. The score is arranged in a standard orchestral layout with the following parts from top to bottom:

- Picc.** (Piccolo): Single staff.
- Fl.** (Flute): Two staves (1 and 2).
- Ob.** (Oboe): Single staff.
- B♭Cl.** (Bass Clarinet): Three staves (1, 2, and 3).
- Bsn.** (Bassoon): Single staff.
- Hn.** (Horn): Four staves (1, 2, 3, and 4).
- Tpt.** (Trumpet): Three staves (1, 2, and 3).
- Tbn.** (Trombone): Three staves (1, 2, and 3).
- Tuba**: Single staff.
- Timp.** (Timpani): Single staff.
- Perc.** (Percussion): Four staves (1, 2, 3, and 4). Includes a section for *Sun. Cym.* (Sun. Cymbal) with dynamic markings *fp cresc.* and *p cresc.*
- Pno.** (Piano): Single staff.
- Vln. I** (Violin I): Two staves (1 and 2).
- Vln. II** (Violin II): Two staves (1 and 2). A *divisi* marking is present between the two staves.
- Vla.** (Viola): Single staff.
- Vc.** (Violoncello): Single staff.
- D.B.** (Double Bass): Single staff.

The score features a variety of musical notations, including slurs, ties, and dynamic markings such as *cresc.* (crescendo) and *fff* (fortissimo). The percussion part includes specific instructions for the Sun. Cym. and dynamic changes like *fp cresc.* and *p cresc.*. The woodwind and string parts show complex phrasing and articulation.