

FULL SCORE

Concert Band



CARL FISCHER

PERFORMANCE

SERIES

Grade 3.5

Brain Waves

Grant Michel

CPS202
INSTRUMENTATION

Full Score	1
Flute	8
Oboe (Opt. Flute 2)	2
Clarinet 1 in B \flat	4
Clarinet 2 in B \flat	4
Clarinet 3 in B \flat	4
Bass Clarinet in B \flat	2
Bassoon	2
Alto Saxophone 1 in E \flat	2
Alto Saxophone 2 in E \flat	2
Tenor Saxophone in B \flat	2
Baritone Saxophone in E \flat	2
Trumpet 1 in B \flat	4
Trumpet 2 in B \flat	4
Trumpet 3 in B \flat	4
Horn 1 in F	2
Horn 2 in F	2
Trombone 1	3
Trombone 2	3
Euphonium	3
Euphonium T.C. in B \flat	2
Tuba	4
Mallet Percussion 1	1
Vibraphone	
Mallet Percussion 2	1
Xylophone	
Timpani	1
Percussion 1	2
Snare Drum, Bass Drum	
Percussion 2	2
Crash Cymbals, Egg Shakers	
Percussion 3	2
Bride Drum, Claves	
Percussion 4	1
Temple Blocks	

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About the Composition

Brain Waves is a serious and energetic composition for contest and festival performance that uses numerous meter changes and modern harmonies to provide a unique and satisfying experience for performers and listeners alike.

As I began this piece, I knew that I wanted to write music that very much used a constant mixture of simple and compound time signatures, but that used them in a way where they seemed to be a logical evolution rather than an exercise in meter. This idea is present from the bold opening statement and continues throughout the work to the very last measure.

Care should be taken to carefully observe all accent patterns throughout the piece. It is these accent patterns that maintain continuity throughout the many meter changes and unify them into the logical evolution mentioned above.

I am honored that you have chosen this composition. I hope that you and your students have as much fun preparing and performing it as I have had writing it.

—Grant Michel
Williamston, NC 2016

About the Composer

Grant Michel (b. 1977) has direct experience with the young musicians for whom he writes, having directed both middle school and high school bands. One of his favorite things as both a composer and a director is taking students through the complete process of creating music, from composition to performance. He is currently in his 14th year as director of bands at Riverside High School in Williamston, North Carolina. As founder and principal composer/arranger of GPMusic & Drill from 2003 to the present, he has created custom compositions, arrangements, and marching drill for high school and college bands across the U.S. He holds a Bachelor's Degree in Music Education from Mars Hill University (studying conducting with Daniel Schmidt), and a Master's Degree in Composition from East Carolina University (studying composition with Ed Jacobs and Pulitzer finalist David Rakowski and studying conducting with Scott Carter).

In addition to his large body of marching compositions, Grant's concert music has been performed throughout the United States by various ensembles including middle school, high school and university bands. His music has also been programmed by various local and district honor bands and has been performed at the prestigious Midwest Clinic in Chicago, IL.

Grant is a frequent guest clinician at various honor bands throughout North Carolina and serves as an adjudicator for several NCBA and USBands marching competitions. He is also a member of Phi Mu Alpha Sinfonia Fraternity, the North Carolina Bandmasters Association, the National Association for Music Education, and Broadcast Music Inc.

Brain Waves

With Great Excitement! ♩ = 128

GRANT MICHEL

Flute

Oboe
(Opt. Flute 2)

Clarinet 1 in B♭

Clarinet 2, 3
in B♭

Bass Clarinet
in B♭

Bassoon

Alto Saxophone
1, 2 in E♭

Tenor
Saxophone in B♭

Baritone
Saxophone in E♭

Trumpet 1 in B♭

Trumpet 2, 3
in B♭

Horn 1, 2
in F

Trombone 1, 2

Euphonium

Tuba

Mallet
Percussion 1
(Vibraphone)

Mallet
Percussion 2
(Xylophone)

Timpani
(G, C, D, F)

Percussion 1
(Snare Drum,
Bass Drum)

Percussion 2
(Crash Cymbals,
Egg Shakers)

Percussion 3
(Brake Drum, Claves)

Percussion 4
(Temple Blocks)

1

2

3

4

5

6

Fl. *p* *f* *ff*

Ob. (Fl. 2) *p* *f* *ff*

Cl. 1 in B \flat *p* *f* *ff*

Cl. 2, 3 in B \flat *p* *f* *ff*

B. Cl. in B \flat *p* *f* *ff*

Bsn. *sfp* *ff* *sub. f*

A. Sax. 1, 2 in E \flat *mp* *f* *sfp* *ff*

T. Sax. in B \flat *p* *f* *sfp* *ff*

Bar. Sax. in E \flat *p* *f* *sfp* *ff* *sub. f*

Tpt. 1 in B \flat *p* *f* *ff*

Tpt. 2, 3 in B \flat *p* *f* *ff*

Hn. 1, 2 in F *mp* *f* *sfp* *ff*

Tbn. 1, 2 *p* *f* *sfp* *ff*

Euph. *p* *f* *sfp* *ff*

Tuba *p* *f* *sfp* *ff*

Mall. Perc. 1 *p* *mf* *f* *ff*

Mall. Perc. 2 *mp* *f* *ff*

Timp. *mf* *f* *ff*

Perc. 1 *f* *ff*

Perc. 2 *f* *ff*

Perc. 3 *f* *ff*

Perc. 4 *f* *ff*

Fl.

Ob. (Fl. 2)

Cl. 1 in B \flat

Cl. 2, 3 in B \flat

B. Cl. in B \flat

Bsn.

A. Sax. 1, 2 in E \flat

T. Sax. in B \flat

Bar. Sax. in E \flat

Tpt. 1 in B \flat

Tpt. 2, 3 in B \flat

Hn. 1, 2 in F

Tbn. 1, 2

Euph.

Tuba

Mall. Perc. 1

Mall. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Temple Blocks

con sord.

mf

6/8 7/8 6/8 7/8

13 14 15 16 17 18

Fl.

Ob.
(Fl. 2)

Cl. 1
in B \flat

Cl. 2, 3
in B \flat

B. Cl.
in B \flat

Bsn.

A. Sax.
1, 2 in E \flat

T. Sax.
in B \flat

Bar. Sax.
in E \flat

Tpt. 1
in B \flat

Tpt. 2, 3
in B \flat

Hn. 1, 2
in F

Tbn. 1, 2

Euph.

Tuba

Mall.
Perc. 1

Mall.
Perc. 2

Timp.

Perc. 1

Perc. 2
Egg Shaker

Perc. 3
Claves

Perc. 4

mp *mf* *p*

The score consists of 19 staves:

- Fl.
- Ob. (Fl. 2)
- Cl. 1 in B \flat
- Cl. 2, 3 in B \flat
- B. Cl. in B \flat
- Bsn.
- A. Sax. 1, 2 in E \flat
- T. Sax. in B \flat
- Bar. Sax. in E \flat
- Tpt. 1 in B \flat
- Tpt. 2, 3 in B \flat
- Hn. 1, 2 in F
- Tbn. 1, 2
- Euph.
- Tuba
- Mall. Perc. 1
- Mall. Perc. 2
- Timp.
- Perc. 1
- Perc. 2
- Perc. 3
- Perc. 4

Measures 25-30 are shown. Measures 28 and 29 feature a *mf* dynamic marking. A box containing the number 28 is placed above the first staff at the beginning of measure 28. A large red watermark "FOR PROMOTIONAL USE ONLY" is overlaid diagonally across the score.

Fl.
Ob. (Fl. 2)
Cl. 1 in B \flat
Cl. 2, 3 in B \flat
B. Cl. in B \flat
Bsn.
A. Sax. 1, 2 in E \flat
T. Sax. in B \flat
Bar. Sax. in E \flat
Tpt. 1 in B \flat
Tpt. 2, 3 in B \flat
Hn. 1, 2 in F
Tbn. 1, 2
Euph.
Tuba
Mall. Perc. 1
Mall. Perc. 2
Timp.
Perc. 1
Perc. 2
Perc. 3
Perc. 4

31 32 33 34 35 36

Fl. *mp fp f ff*

Ob. (Fl. 2) *mp fp f ff*

Cl. 1 in B \flat *f mp f ff*

Cl. 2, 3 in B \flat *f mp f ff*

B. Cl. in B \flat *mp f ff*

Bsn. *mp f ff*

A. Sax. 1, 2 in E \flat *mp mf f ff*

T. Sax. in B \flat *mp f ff*

Bar. Sax. in E \flat *mp f ff*

Tpt. 1 in B \flat *mp open f ff*

Tpt. 2, 3 in B \flat *mp open f ff*

Hn. 1, 2 in F *mf f div. ff*

Tbn. 1, 2 *f mp f ff*

Euph. *mp f ff*

Tuba *mp f ff*

Mall. Perc. 1 *mp f ff*

Mall. Perc. 2 *mp f ff*

Timp. *mp f ff*

Perc. 1 *sfp f ff* Crash Cymbals

Perc. 2 *ff*

Perc. 3 *ff*

Perc. 4 *mp*

Fl.

Ob.
(Fl. 2)

Cl. 1
in B \flat

Cl. 2, 3
in B \flat

B. Cl.
in B \flat

Bsn.

A. Sax.
1, 2 in E \flat

T. Sax.
in B \flat

Bar. Sax.
in E \flat

Tpt. 1
in B \flat

Tpt. 2, 3
in B \flat

Hn. 1, 2
in F

Tbn. 1, 2

Euph.

Tuba

Mall.
Perc. 1

Mall.
Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

p *ff* *mf* *mf* *mf* *mf*

43 44 45 46 47 48

Fl. *sfp* *f* *p* *ff*

Ob. (Fl. 2) *sfp* *f* *p* *ff*

Cl. 1 in B \flat *sfp* *f* *p* *ff*

Cl. 2, 3 in B \flat *sfp* *f* *p* *ff*

B. Cl. in B \flat *ff* *sub. p* *f* *p* *ff*

Bsn. *ff* *sub. p* *f* *p* *ff*

A. Sax. 1, 2 in E \flat *sfp* *f* *p* *ff*

T. Sax. in B \flat *ff* *sub. p* *f* *p* *ff*

Bar. Sax. in E \flat *ff* *sub. p* *f* *p* *ff*

Tpt. 1 in B \flat *ff* *sub. p* *f* *p* *ff*

Tpt. 2, 3 in B \flat *ff* *sub. p* *f* *p* *ff*

Hn. 1, 2 in F *sfp* *f* *p* *ff*

Tbn. 1, 2 *ff* *sub. p* *f* *p* *ff*

Euph. *ff* *sub. p* *f* *p* *ff*

Tuba *ff* *sub. p* *f* *p* *ff*

Mall. Perc. 1 *sfp* *f* *p* *ff*

Mall. Perc. 2 *sfp* *f* *p* *ff*

Timp. *ff* *sub. p* *f* *p* *ff*

Perc. 1 *ff* *sub. p* *f* *p* *ff*

Perc. 2 *ff* *sub. p* *f* *p* *ff*

Perc. 3 *ff* *sub. p* *f* *p* *ff*

Perc. 4 *ff* *sub. p* *f* *p* *ff*

Fl.

Ob.
(Fl. 2)

Cl. 1
in B \flat

Cl. 2, 3
in B \flat

B. Cl.
in B \flat

Bsn.

A. Sax.
1, 2 in E \flat

T. Sax.
in B \flat

Bar. Sax.
in E \flat

Tpt. 1
in B \flat

Tpt. 2, 3
in B \flat

Hn. 1, 2
in F

Tbn. 1, 2

Euph.

Tuba

Mall.
Perc. 1

Mall.
Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

ff *sfp* *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

mp *ff*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

sfp *ff* *sfp*

77

Fl.

Ob. (Fl. 2)

Cl. 1 in B \flat

Cl. 2, 3 in B \flat

B. Cl. in B \flat

Bsn.

A. Sax. 1, 2 in E \flat

T. Sax. in B \flat

Bar. Sax. in E \flat

Tpt. 1 in B \flat

Tpt. 2, 3 in B \flat

Hn. 1, 2 in F

Tbn. 1, 2

Euph.

Tuba

Mall. Perc. 1

Mall. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

f *p* *mp* *f* *sub. p* *f* *p* *mp*

77

Fl. *f* *ff*

Ob. (Fl. 2) *f* *ff*

Cl. 1 in B \flat *f* *ff*

Cl. 2, 3 in B \flat *f* *ff*

B. Cl. in B \flat *mp* *mf* *ff*

Bsn. *mp* *mf* *ff*

A. Sax. 1, 2 in E \flat *f* *ff*

T. Sax. in B \flat *mp* *mf* *ff*

Bar. Sax. in E \flat *mp* *mf* *ff*

Tpt. 1 in B \flat *mp* *ff*

Tpt. 2, 3 in B \flat *mp* *ff*

Hn. 1, 2 in F *mp* *mf* *ff*

Tbn. 1, 2 *mp* *mf* *ff*

Euph. *mp* *mf* *ff*

Tuba *mp* *mf* *ff*

Mall. Perc. 1 *f* *ff*

Mall. Perc. 2 *f* *ff*

Timp. *mf* *ff*

Perc. 1 *mp* *mf* *ff*

Perc. 2 *ff*

Perc. 3 *mp* *mf* *ff*

Perc. 4 *mf* *ff*

85

Fl.

Ob. (Fl. 2)

Cl. 1 in B \flat

Cl. 2, 3 in B \flat

B. Cl. in B \flat

Bsn.

A. Sax. 1, 2 in E \flat

T. Sax. in B \flat

Bar. Sax. in E \flat

Tpt. 1 in B \flat

Tpt. 2, 3 in B \flat

Hn. 1, 2 in F

Tbn. 1, 2

Euph.

Tuba

Mall. Perc. 1

Mall. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3 Brake Drum *ff*

Perc. 4

94

Fl. *ff*

Ob. (Fl. 2) *ff*

Cl. 1 in B \flat *ff*

Cl. 2, 3 in B \flat *ff*

B. Cl. in B \flat *ff* *mp*

Bsn. *ff* *mp*

A. Sax. 1, 2 in E \flat *ff* *mp*

T. Sax. in B \flat *ff* *mp*

Bar. Sax. in E \flat *ff* *mp*

Tpt. 1 in B \flat *ff*

Tpt. 2, 3 in B \flat *ff*

Hn. 1, 2 in F *ff*

Tbn. 1, 2 *ff* *mp*

Euph. *ff* *mp*

Tuba *ff* *mp*

Mall. Perc. 1 *mp*

Mall. Perc. 2 *mp*

Timp. *mp*

Perc. 1 *mp* side stick

Perc. 2

Perc. 3

Perc. 4

102

Fl. *mf*

Ob. (Fl. 2) *mf*

Cl. 1 in B \flat *mf*

Cl. 2, 3 in B \flat *mf*

B. Cl. in B \flat *p*

Bsn. *p*

A. Sax. 1, 2 in E \flat *p*

T. Sax. in B \flat *p*

Bar. Sax. in E \flat *p*

Tpt. 1 in B \flat

Tpt. 2, 3 in B \flat

Hn. 1, 2 in F

Tbn. 1, 2 *p*

Euph. *p*

Tuba *p*

Mall. Perc. 1 *p*

Mall. Perc. 2 *p*

Timp. *p*

Perc. 1 *p*

Perc. 2 *p*
Egg Shaker

Perc. 3

Perc. 4

102

Fl.

Ob. (Fl. 2)

Cl. 1 in B \flat

Cl. 2, 3 in B \flat

B. Cl. in B \flat

Bsn.

A. Sax. 1, 2 in E \flat

T. Sax. in B \flat

Bar. Sax. in E \flat

Tpt. 1 in B \flat

Tpt. 2, 3 in B \flat

Hn. 1, 2 in F

Tbn. 1, 2

Euph.

Tuba

Mall. Perc. 1

Mall. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

This musical score page covers measures 107 through 113. It features a variety of instruments including Flute, Oboe, Clarinets, Bass Clarinet, Bassoon, Saxophones, Trumpets, Horns, Trombones, Euphonium, Tuba, and Percussion. The score includes dynamic markings such as *mp* and *mf*, and includes a rehearsal mark at measure 110. A large red watermark is overlaid diagonally across the page.



This is a page of a musical score for a woodwind and brass ensemble. It contains 19 staves of music, grouped into woodwinds, brass, and percussion. The woodwind section includes Flute (Fl.), Oboe (Ob.), Clarinet 1 (Cl. 1), Clarinets 2 and 3 (Cl. 2, 3), Bass Clarinet (B. Cl.), Bassoon (Bsn.), Alto Saxophones (A. Sax.), Tenor Saxophone (T. Sax.), and Baritone Saxophone (Bar. Sax.). The brass section includes Trumpets (Tpt.), Horns (Hn.), Trombones (Tbn.), Euphonium (Euph.), and Tuba. The percussion section includes Mallet Percussion (Mall. Perc.), Timpani (Timp.), and four other Percussion parts (Perc. 1-4). The score is written in 4/4 time and begins on measure 114. Measure 118 is marked with a double bar line and the number 118. Dynamic markings include *mf* (mezzo-forte) and *p* (piano). A large red watermark 'WWW.PDFMUSIC.COM' is printed diagonally across the score.

Fl.

Ob. (Fl. 2)

Cl. 1 in B \flat

Cl. 2, 3 in B \flat

B. Cl. in B \flat

Bsn.

A. Sax. 1, 2 in E \flat

T. Sax. in B \flat

Bar. Sax. in E \flat

Tpt. 1 in B \flat

Tpt. 2, 3 in B \flat

Hn. 1, 2 in F

Tbn. 1, 2

Euph.

Tuba

Mall. Perc. 1

Mall. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

mf

mf

mf

mf

mf

mf

mf

mf

mf

mf

mf

mf

mf

mf

mf

f

126

Fl. *ff*

Ob. (Fl. 2) *ff*

Cl. 1 in B \flat *ff*

Cl. 2, 3 in B \flat *ff*

B. Cl. in B \flat *ff*

Bsn. *ff* *sfp* *ff*

A. Sax. 1, 2 in E \flat *ff*

T. Sax. in B \flat *ff*

Bar. Sax. in E \flat *ff*

126

Tpt. 1 in B \flat *ff* *sfp* *ff*

Tpt. 2, 3 in B \flat *ff* *sfp* *ff*

Hn. 1, 2 in F *ff* *sfp* *ff*

Tbn. 1, 2 *ff* *sfp* *ff*

Euph. *ff* *sfp* *ff*

Tuba *ff* *sfp* *ff*

Mall. Perc. 1 *ff*

Mall. Perc. 2 *ff*

Timp. *ff* *sfp* *ff*

Perc. 1 *ff* *mp* *ff*

Perc. 2 *ff*

Perc. 3 *ff*

Perc. 4 *ff*

Crash Cymbals *mp* *ff*

ff 126 127 128 129 130 131 132

Fl.

Ob. (Fl. 2)

Cl. 1 in B \flat

Cl. 2, 3 in B \flat

B. Cl. in B \flat

Bsn.

A. Sax. 1, 2 in E \flat

T. Sax. in B \flat

Bar. Sax. in E \flat

Tpt. 1 in B \flat

Tpt. 2, 3 in B \flat

Hn. 1, 2 in F

Tbn. 1, 2

Euph.

Tuba

Mall. Perc. 1

Mall. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

133 134 135 136 137 138 139

choke

ff

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