

# Transient Luminous Events

Grade 3  
Perusal Score  
Not for Performance  
Flex Score for Band or Orchestra

by Jennifer E. Rose

©2020 by Composerose Publishing, LLC

[www.composerose.com](http://www.composerose.com)

All Rights Reserved. Made in U.S.A.

# Instrumentation List

(With as few as any combination of 5 winds and/or strings and 6 percussion)

## **Part 1**

Flute/Oboe

Clarinet

Violin

## **Part 2**

Clarinet/Trumpet

Alto Sax

Violin

## **Part 3**

Clarinet/Trumpet/Tenor Saxophone

Alto Saxophone

Horn

Viola

## **Part 4**

Tenor Saxophone

Horn

Trombone/Baritone/Bassoon/Cello

## **Part 5**

Bass Clarinet

Trombone/Baritone/Bassoon/Cello

Baritone Saxophone/Tuba/Bass

## **Percussion (6 players)**

Timpani

Bells

Percussion 1 (2 Players):

Snare Drum & Bass Drum

Percussion 2 (1 Player):

Suspended Cymbal, Crash Cymbals, Triangle, Tambourine

Percussion 3 (1 Player):

Concert Toms (3)

Perusal Score  
Not for Performance

## Program Notes

Sometimes called *upper atmospheric lightning* or *ionospheric lightning*, transient luminous events (TLEs) are short-lived electrical-breakdown phenomena/electrically induced forms of luminous plasma, that occur well above the altitudes of normal lightning and Cumulonimbus clouds. Different types of TLEs include Sprites, Halos, Blue Jets, Gigantic Jets, and ELVES.

In the 1920s, the Scottish physicist C.T.R. Wilson predicted that electrical breakdown should occur in the atmosphere high above large thunderstorms. In ensuing decades, high altitude electrical discharges were reported by aircraft pilots, but there was not visual evidence of these events until scientists at the University of Minnesota were able to photograph a sprite on July 6, 1989.

### *Special Notes from the composer.*

This Flex arrangement will work with as few as 11 players (5 winds and/or strings and 6 percussionists), however with that few winds/strings, I recommend amplifying the winds/strings as the percussionists will easily overpower them.

# Transient Luminous Events

Score

Jennifer E. Rose

Ominously

WW blow air through instrument while clicking keys

Andante  $\text{♩} = 72$

Part 1

Flute/Oboe  
Clarinet  
Violin

Part 2

Clarinet/Trumpet  
Alto Sax  
Violin

Part 3

CL/Tpt/T. Sx.  
Alto Sax  
Horn  
Viola

Part 4

Tenor Sax  
Horn in F  
Tbn./Euph./Bsn./Cello

Part 5

Bass Clarinet  
Tbn./Euph./Bsn./Cello  
B.Sax/Tuba/Bass

Timpani

Bells

Percussion 1

Percussion 2

Crash Cymbals

Percussion 3

Perusal Score  
Not for Performance

8 Vivace ♩ = 144

*ritard*

*f* *mp* *f* *mf* *sf* *p*

Part 1  
Fl./Ob.  
Cl.  
Vln.

*f* *mp* *f* *mf* *sf* *p*

Part 2  
Cl./Tpt.  
A. Sx.  
Vln.

*f* *mp* *f* *mf* *sf* *p*

Part 3  
Cl./Tpt./T. Sx.  
A. Sx.  
Hn.  
Vla.

*f* *mp* *f* *mf* *sf* *p*

Part 4  
T. Sx.  
Hn.  
Tbn./Euph./Bsn./Cello

*f* *mp* *f* *mf* *sf* *p*

Part 5  
B. Cl.  
Tbn./Euph./Bsn./Cello  
B. Sax/Tuba/Bass

*f* *mp* *mp*

Timp. *p* *mf*

Bls. *f*

Perc. 1 *mp*

Perc. 2 Tambourine *f* *p* *mf* *mf* *p* Suspended Cymbal Triangle

Perc. 3 *p* *mp*

6 7 8 9 10 11

Perusal Score  
Not for Performance

This musical score is for the piece "Transient Luminous Events" and is divided into five parts. The score is written in a key signature of three flats (B-flat major or D-flat minor) and a common time signature. The instruments and their parts are as follows:

- Part 1:** Flute/Oboe (Fl./Ob.), Clarinet (Cl.), and Violin (Vln.).
- Part 2:** Clarinet/Trombone/Tuba (Cl./Tpt.), Alto Saxophone (A. Sax.), and Violin (Vln.).
- Part 3:** Clarinet/Trombone/Tuba/Saxophone (Cl./Tpt./T. Sax.), Alto Saxophone (A. Sax.), Horn (Hn.), and Viola (Vla.).
- Part 4:** Tenor Saxophone (T. Sax.), Horn (Hn.), and Trombone/Euphonium/Bassoon/Cello (Tbn./Euph./Bsn./Cello).
- Part 5:** Bass Clarinet (B. Cl.), Trombone/Euphonium/Bassoon/Cello (Tbn./Euph./Bsn./Cello), Bass Saxophone/Tuba/Bass (B. Sax./Tuba/Bass), and Timpani (Timp.).

The score includes various dynamic markings such as *mf* (mezzo-forte), *mp* (mezzo-piano), *pp* (pianissimo), and *f* (forte). It also features articulation marks like accents and slurs. The percussion section (Parts 1, 2, and 3) includes three parts: Perc. 1, Perc. 2, and Perc. 3, with specific rhythmic patterns and dynamics.

Watermark text: "Perusal Score Not for Performance" is overlaid on the score.

19

Part 1  
Fl./Ob.  
Cl.  
Vln.

Part 2  
Cl./Tpt.  
A. Sx.  
Vln.

Part 3  
Cl./Tpt./T. Sx.  
A. Sx.  
Hn.  
Vla.

Part 4  
T. Sx.  
Hn.  
Tbn./Euph./Bsn./Cello

Part 5  
B. Cl.  
Tbn./Euph./Bsn./Cello  
B. Sax/Tuba/Bass

Timp.

Bls.

Perc. 1  
Perc. 2  
Perc. 3

19 21 22 23 24 25 26

This musical score page, numbered 4, is for the piece 'Transient Luminous Events'. It features a large, semi-transparent watermark reading 'Perusal Score' and 'Not for Performance' across the center. The score is organized into five parts and a percussion section. Part 1 includes Flute/Oboe, Clarinet, and Violin. Part 2 includes Clarinet/Trumpet, Alto Saxophone, and Violin. Part 3 includes Clarinet/Trumpet/Trombone, Alto Saxophone, Horn, and Viola. Part 4 includes Trombone, Horn, and Trombone/Euphonium/Bassoon/Cello. Part 5 includes Bass Clarinet, Trombone/Euphonium/Bassoon/Cello, and Bass Saxophone/Tuba/Bass. The percussion section includes three distinct parts. The score spans measures 19 to 26, with dynamic markings such as *mp*, *sf*, and *mf* indicating performance intensity. The notation includes various rhythmic patterns, including sixteenth-note runs in the woodwinds and a steady eighth-note pulse in the timpani.

This musical score is divided into five parts, each with multiple staves. Part 1 includes Flute/Oboe, Clarinet, and Violin. Part 2 includes Clarinet/Trumpet, Alto Saxophone, and Violin. Part 3 includes Clarinet/Trumpet/Trumpet in C, Alto Saxophone, Horn, and Viola. Part 4 includes Trumpet in C, Horn, Trombone/Euphonium/Bassoon/Cello, and Bass Clarinet. Part 5 includes Trombone/Euphonium/Bassoon/Cello and Bass Saxophone/Tuba/Bass. The percussion section includes three different percussion parts (Perc. 1, 2, 3) with dynamic markings such as *p*, *mp*, *f*, and *mf*. The score is marked with a large watermark: "Perusal Score Not for Performance".



38

Part 1  
 Fl./Ob.  
 Cl.  
 Vln.

Part 2  
 Cl./Tpt.  
 A. Sx.  
 Vln.

Part 3  
 Cl./Tpt./T. Sx.  
 A. Sx.  
 Hn.  
 Vla.

Part 4  
 T. Sx.  
 Hn.  
 Tbn./Euph./Bsn./Cello

Part 5  
 B. Cl.  
 Tbn./Euph./Bsn./Cello  
 B. Sax/Tuba/Bass

Timp.

Bls.

Perc. 1  
 Perc. 2  
 Perc. 3

*mf* *f*

*mp* *f*

*f* *f*

*f* *f*

*f* *f*

*f* *f*

*f* *f*

*f* *f*

34 35 36 37 38 39 40 41

Part 1

Fl./Ob.  
Cl.  
Vln.

Part 2

Cl./Tpt.  
A. Sx.  
Vln.

Part 3

Cl./Tpt./T. Sx.  
A. Sx.  
Hn.  
Vla.

Part 4

T. Sx.  
Hn.  
Tbn./Euph./  
Bsn./Cello

Part 5

B. Cl.  
Tbn./Euph./  
Bsn./Cello  
B. Sax/Tuba/  
Bass

Timp.

Bls.

Perc. 1  
Perc. 2  
Perc. 3

42 43 44 45 46 47 48 49

55 Andante  $\text{♩} = 72$

Part 1  
Fl./Ob.  
Cl.  
Vln.

Part 2  
Cl./Tpt.  
A. Sx.  
Vln.

Part 3  
Cl./Tpt./T. Sx.  
A. Sx.  
Hn.  
Vla.

Part 4  
T. Sx.  
Hn.  
Tbn./Euph./Bsn./Cello

Part 5  
B. Cl.  
Tbn./Euph./Bsn./Cello  
B. Sax/Tuba/Bass

Timp.

Bls.

Perc. 1

Perc. 2

Perc. 3

50 51 52 53 54 55 56

The musical score is organized into five parts and a percussion section. Part 1 includes Flute/Oboe, Clarinet, and Violin. Part 2 includes Clarinet/Trombone, Alto Saxophone, and Violin. Part 3 includes Clarinet/Trombone/Trumpet, Alto Saxophone, Horn, and Viola. Part 4 includes Tenor Saxophone, Horn, and Trombone/Euphonium/Bassoon/Cello. Part 5 includes Bass Clarinet, Trombone/Euphonium/Bassoon/Cello, and Bass Saxophone/Tuba/Bass. The percussion section consists of three parts: Percussion 1, Percussion 2, and Percussion 3. The score spans measures 57 to 64. Dynamics include *p*, *mf*, *mp*, and *pp*. Performance markings include accents, slurs, and a *ritard* at the end of the piece.

Perusal Score  
Not for Performance

65

*a tempo*

Part 1

FL./Ob.  
Cl.  
Vln.

*mf*

Part 2

Cl./Tpt.  
A. Sx.  
Vln.

*mf*

Part 3

Cl./Tpt./T. Sx.  
A. Sx.  
Hn.  
Vla.

Part 4

T. Sx.  
Hn.  
Tbn./Euph./Bsn./Cello

Part 5

B. Cl.  
Tbn./Euph./Bsn./Cello  
B. Sax/Tuba/Bass

Timp.

*mf*

Bls.

Perc. 1

*mf*

Perc. 2

*mf*      *mp*      *f*

Perc. 3

Perusal Score  
Not for Performance

Part 1  
Fl./Ob.  
Cl.  
Vln.

Part 2  
Cl./Tpt.  
A. Sax.  
Vln.

Part 3  
Cl./Tpt./T. Sax.  
A. Sax.  
Hn.  
Vla.

Part 4  
T. Sax.  
Hn.  
Tbn./Euph./Bsn./Cello

Part 5  
B. Cl.  
Tbn./Euph./Bsn./Cello  
B. Sax./Tuba/Bass

Perc. 1  
Perc. 2  
Perc. 3

74 75 76 77 78 79

80 **Vivace** ♩ = 144

The score is divided into five parts and includes percussion. Part 1 (FL./Ob., Cl., Vln.) and Part 2 (CL./Tpt., A. Sx., Vln.) feature woodwinds and strings with dynamic markings of *mp*, *f*, *sf*, and *p*. Part 3 (CL./Tpt./T. Sx., A. Sx., Hn., Vla.) includes saxophones, horns, and viola, with dynamics ranging from *mp* to *mf*. Part 4 (T. Sx., Hn., Tbn./Euph./Bsn./Cello) features saxophones, horns, and tuba/euphonium/bassoon/cello, with dynamics of *sf* and *p*. Part 5 (B. Cl., Tbn./Euph./Bsn./Cello, B. Sax/Tuba/Bass) includes baritone saxophone, tuba/euphonium/bassoon/cello, and bass saxophone/tuba/bass, with dynamics of *mp*. The percussion section (Timp., Bls., Perc. 1, Perc. 2, Perc. 3) includes timpani, bells, and three types of percussion instruments, with dynamics of *p*, *mp*, and *mf*. A large watermark 'Perusal Score Not for Performance' is overlaid on the score.

93

Part 1  
Fl./Ob.  
Cl.  
Vln.

Part 2  
Cl./Tpt.  
A. Sx.  
Vln.

Part 3  
Cl./Tpt./T. Sx.  
A. Sx.  
Hn.  
Vla.

Part 4  
T. Sx.  
Hn.  
Tbn./Euph./Bsn./Cello

Part 5  
B. Cl.  
Tbn./Euph./Bsn./Cello  
B. Sax/Tuba/Bass

Perc. 1  
Perc. 2  
Perc. 3

87 88 89 90 91 92 93 94

Perusal Score  
Not for Performance



This musical score is for the piece "Transient Luminous Events" and is page 14 of a 102-page work. The score is divided into five parts:

- Part 1:** Flute/Oboe (Fl./Ob.), Clarinet (Cl.), and Violin (Vln.).
- Part 2:** Clarinet/Trumpet (Cl./Tpt.), Alto Saxophone (A. Sx.), and Violin (Vln.).
- Part 3:** Clarinet/Trumpet/Trumpet in C (Cl./Tpt./T. Sx.), Alto Saxophone (A. Sx.), Horn (Hn.), and Viola (Vla.).
- Part 4:** Tenor Saxophone (T. Sx.), Horn (Hn.), and Trombone/Euphonium/Bassoon/Cello (Tbn./Euph./Bsn./Cello).
- Part 5:** Baritone Clarinet (B. Cl.), Trombone/Euphonium/Bassoon/Cello (Tbn./Euph./Bsn./Cello), Bass Saxophone/Tuba/Bass (B. Sax./Tuba/Bass), and Timpani (Timp.).

The score includes a Bassoon (Bsn.) part and three Percussion (Perc.) parts. The key signature is B-flat major (two flats). The score features dynamic markings such as *mp* (mezzo-piano) and *f* (forte), along with accents and slurs. A rehearsal mark "101" is placed above the first measure of the final system. The page number "14" is in the top left, and the page number "101" is in the top right. The page number "14" is also printed at the bottom of the page.

Perusal Score  
Not for Performance

Part 1  
Fl./Ob.  
Cl.  
Vln.

Part 2  
Cl./Tpt.  
A. Sax.  
Vln.

Part 3  
Cl./Tpt./T. Sax.  
A. Sax.  
Hn.  
Vla.

Part 4  
T. Sax.  
Hn.  
Tbn./Euph./Bsn./Cello

Part 5  
B. Cl.  
Tbn./Euph./Bsn./Cello  
B. Sax./Tuba/Bass

Timp.  
Bls.

Perc. 1  
Perc. 2  
Perc. 3

103 104 105 106 107 108 109

Perusal Score  
Not for Performance

Fl./Ob.  
Cl.  
Vln.

Part 1

Cl./Tpt.  
A. Sx.  
Vln.

Part 2

Cl./Tpt./T. Sx.  
A. Sx.  
Hn.  
Vla.

Part 3

T. Sx.  
Hn.  
Tbn./Euph./Bsn./Cello

Part 4

B. Cl.  
Tbn./Euph./Bsn./Cello  
B. Sax/Tuba/Bass

Part 5

Timp.  
Bls.  
Perc. 1  
Perc. 2  
Perc. 3

110 111 112 113 114 115 116

Perusal Score  
Not for Performance

Part 1  
Fl./Ob.  
Cl.  
Vln.

Part 2  
Cl./Tpt.  
A. Sx.  
Vln.

Part 3  
Cl./Tpt./T. Sx.  
A. Sx.  
Hn.  
Vla.

Part 4  
T. Sx.  
Hn.  
Tbn./Euph./Bsn./Cello

Part 5  
B. Cl.  
Tbn./Euph./Bsn./Cello  
B. Sax/Tuba/Bass

Timp.

Bls.

Perc. 1  
Perc. 2  
Perc. 3

117 118 119 120 121 122 123

Perusal Score  
Not for Performance

125

Part 1  
FL/Ob.  
Cl.  
Vln.

Part 2  
Cl./Tpt.  
A. Sx.  
Vln.

Part 3  
Cl./Tpt./T. Sx.  
A. Sx.  
Hn.  
Vla.

Part 4  
T. Sx.  
Hn.  
Tbn./Euph./Bsn./Cello

Part 5  
B. Cl.  
Tbn./Euph./Bsn./Cello  
B. Sax/Tuba/Bass

Timp.

Bls.

Perc. 1  
Perc. 2  
Perc. 3

124 125 126 127 128 129 130

*fp* *ff* *f* *fp* *ff* *f* *fp* *ff*

Perusal Score  
Not for Performance