

JOHN MACKKEY

Lightning Field

Saxophone Ensemble / 2015, 2021

arr. Nathan Mertens

Instrumentation

3 soprano saxophones
4 alto saxophones
3 tenor saxophones
3 baritone saxophones
1 bass saxophone

3 thunder tubes – placed antiphonally around audience if possible
(optional bass drum part also included)

Program Note

“Lightning Field” takes its title from a work of art by Walter De Maria. That work is a massive expanse of New Mexico desert, claimed and transformed by the artist via an installation of steel rods: planted in the earth and reaching toward the sky, they call down its power, literally creating man-made (or at least “man summoned”) lightning storms. Like them, Mackey’s piece speaks to the ancient impulse to summon nature’s power, and the magic such acts unleash.

Performance Notes

All staccato notes – regardless of notated duration – must be extremely short, as if they were all secco 16th notes. Whether the staccato articulation is on an eighth note or a half note, the resultant sound should be the same – that of a secco 16th note.

The piece was written with 7-inch Remo “Thunder Tubes” in mind, but homemade thunder tubes (instructions can be found online) or other sizes can be used. The antiphonal thunder tube parts can be doubled if extra players are available.

The thunder tubes are optional, but preferred. The set of materials also includes an optional bass drum part.

Lightning Field

John Mackey

arr. Mertens

♩ = 60

Soprano Sax 1

Soprano Sax 2

Soprano Sax 3

Alto Sax 1

Alto Sax 2

Alto Sax 3

Alto Sax 4

Tenor Sax 1

Tenor Sax 2

Tenor Sax 3

Baritone Sax 1

Baritone Sax 2

Baritone Sax 3

Bass Sax

Thunder Tube - Left

Thunder Tube - Center

Thunder Tube - Right

For personal use only WWW.JOHNMACKEY.COM

A ♩ = 180

10

S. Sax. 1
mf p mp mp f

S. Sax. 2
mf p mp mp f

S. Sax. 3
mf p mp f

A. Sax. 1
mf p mp mp f

A. Sax. 2
mf p mp f

A. Sax. 3
mp f p

A. Sax. 4
mp f p

T. Sax. 1
mf p mp f

T. Sax. 2

T. Sax. 3
mf p mp f

B. Sax. 1
mf p mp f

B. Sax. 2
mf p mp f

B. Sax. 3
mf p mp f

Bs. Sax.
mf p mp f

Tndr.: Left
pp mf pp ff

Tndr.: Cntr
pp mf pp ff

Tndr.: Right
pp mf pp ff

"wah-wah" / vibrato by opening and closing top of drum with hand

"wah-wah" / vibrato by opening and closing top of drum with hand

"wah-wah" / vibrato by opening and closing top of drum with hand

For personal use only www.johnmackey.com

B

21

S. Sax. 1

S. Sax. 2

S. Sax. 3

A. Sax. 1

A. Sax. 2

A. Sax. 3

A. Sax. 4

T. Sax. 1

T. Sax. 2

T. Sax. 3

B. Sax. 1

B. Sax. 2

B. Sax. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cntr

Tndr.: Right

mp

f

ff

fp

p

mf

f

pp

31

S. Sx. 1

S. Sx. 2

S. Sx. 3

A. Sx. 1

A. Sx. 2

A. Sx. 3

A. Sx. 4

T. Sx. 1

T. Sx. 2

T. Sx. 3

B. Sx. 1

B. Sx. 2

B. Sx. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cntr

Tndr.: Right

mf *cresc.* *f*

mf *cresc.* *f*

mf *cresc.*

mf *fp* *f*

mf *fp* *f*

f *mf*

f *mf*

mf *fp* *f*

mf *fp* *f*

mf *fp* *f*

mf *fp*

pp *mf*

pp *mf*

For perusal use only WWW.JOHNMACKEY.COM

41

S. Sx. 1
cresc. *ff*

S. Sx. 2
cresc. *ff*

S. Sx. 3
f cresc. *ff*

A. Sx. 1
fp *ff* *p*

A. Sx. 2
fp *ff* *p*

A. Sx. 3
ff *p*

A. Sx. 4
ff

T. Sx. 1
ff *p*

T. Sx. 2
ff

T. Sx. 3
ff

B. Sx. 1
fp *ff*

B. Sx. 2
ff

B. Sx. 3
ff

Bs. Sax.
fp *ff*

Tndr.: Left
pp *ff*

Tndr.: Cntr
pp *ff*

Tndr.: Right
pp *ff*

C

49

This page of a musical score, numbered 49, contains parts for several instruments. The parts are arranged vertically as follows:

- S. Sax. 1, 2, 3:** Three saxophone staves. Saxes 1 and 2 are mostly silent, while Saxes 2 and 3 have long notes in the final measures, marked *p* and *f*.
- A. Sax. 1, 2, 3, 4:** Four alto saxophone staves. Sax 1 has a complex melodic line with many slurs. Sax 2 has a simpler line with slurs. Sax 3 and 4 have sparse notes.
- T. Sax. 1, 2, 3:** Three tenor saxophone staves. Sax 1 has a few notes. Sax 2 and 3 have long notes in the final measures, marked *p* and *f*.
- B. Sax. 1, 2, 3:** Three baritone saxophone staves. Sax 2 has a long note in the final measure, marked *p*.
- Bs. Sax.:** Bass saxophone staff, mostly silent.
- Tndr.: Left, Cntr, Right:** Three woodwind staves. Each has a long note in the final measure, marked *p*.

A large diagonal watermark reading "For personal use only WWW.JOHNMACKEY.COM" is overlaid across the entire page.

D

S. Sax. 1 *f*

S. Sax. 2 *f*

S. Sax. 3 *f* *mf*

A. Sax. 1 *mp*

A. Sax. 2 *f* *mp* *mf*

A. Sax. 3 *f* *mf* *mp*

A. Sax. 4 *mf* *mp*

T. Sax. 1 *fp* *mf* *mp* *mf*

T. Sax. 2 *p* *fp* *mf* *mp* *mf*

T. Sax. 3 *p* *fp*

B. Sax. 1 *fp* *mf*

B. Sax. 2 *fp* *mf* *mf*

B. Sax. 3 *fp* *mf* *mf*

Bs. Sax. *fp*

Tndr.: Left *mf*

Tndr.: Cnt *mf* (shake)

Tndr.: Right *mf*

scrape spring with metal rod

scrape spring with metal rod

scrape spring with metal rod

scrape spring with metal rod

65

S. Sax. 1

S. Sax. 2

S. Sax. 3

A. Sax. 1

A. Sax. 2

A. Sax. 3

A. Sax. 4

T. Sax. 1

T. Sax. 2

T. Sax. 3

B. Sax. 1

B. Sax. 2

B. Sax. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cntr

Tndr.: Right

mp

mp

mp

f

f

f

73

This musical score page contains parts for various instruments across measures 73, 74, and 75. The instruments and their parts are as follows:

- S. Sax. 1:** Treble clef, playing a rhythmic pattern of eighth notes with a *mf* dynamic.
- S. Sax. 2:** Treble clef, playing a rhythmic pattern of eighth notes with a *mf* dynamic, including accents.
- S. Sax. 3:** Treble clef, playing a rhythmic pattern of eighth notes with a *mf* dynamic.
- A. Sax. 1:** Treble clef, playing a melodic line with eighth notes and slurs.
- A. Sax. 2:** Treble clef, playing a melodic line with slurs and dynamics *mp*, *p*, and *f*.
- A. Sax. 3:** Treble clef, playing a melodic line with slurs and dynamics *mp*, *p*, and *f*.
- A. Sax. 4:** Treble clef, playing a melodic line with slurs and dynamics *mp*, *p*, and *f*.
- T. Sax. 1:** Treble clef, playing a melodic line with slurs and dynamics *f*.
- T. Sax. 2:** Treble clef, playing a melodic line with slurs and dynamics *f*.
- T. Sax. 3:** Treble clef, playing a melodic line with slurs and dynamics *p*.
- B. Sax. 1:** Treble clef, playing a melodic line with slurs and dynamics *p*.
- B. Sax. 2:** Treble clef, playing a melodic line with slurs and dynamics *p*.
- B. Sax. 3:** Treble clef, playing a melodic line with slurs and dynamics *p*.
- Bs. Sax.:** Bass clef, playing a melodic line with slurs and dynamics *p*.
- Tndr.: Left:** Bass clef, playing a melodic line with slurs and dynamics *pp* and *mf*.
- Tndr.: Cntr:** Bass clef, playing a melodic line with slurs and dynamics *pp* and *mf*.
- Tndr.: Right:** Bass clef, playing a melodic line with slurs and dynamics *pp* and *mf*.

A large diagonal watermark reading "For perusal use only WWW.JOHNMACKEY.COM" is overlaid across the entire page.

F

80

S. Sax. 1 *f*

S. Sax. 2 *f* *mf* *f*

S. Sax. 3 *f*

A. Sax. 1

A. Sax. 2 *p* *mf*

A. Sax. 3 *mf*

A. Sax. 4 *mp* *mf*

T. Sax. 1 *mp* *f* *p* *mf*

T. Sax. 2 *mp*

T. Sax. 3 *mf* *mp*

B. Sax. 1 *mf* *mp*

B. Sax. 2 *ff* *p*

B. Sax. 3 *ff* *p*

Bs. Sax.

Tndr.: Left *pp* *mp* *f*

Tndr.: Cntr *mp* *f* *mf*

Tndr.: Right *pp* *mp* *f*

run finger & thumb quickly down length of spring

run finger & thumb quickly down length of spring

run finger & thumb quickly down length of spring

run finger & thumb quickly down length of spring

87

S. Sax. 1

S. Sax. 2

S. Sax. 3

A. Sax. 1

A. Sax. 2

A. Sax. 3

A. Sax. 4

T. Sax. 1

T. Sax. 2

T. Sax. 3

B. Sax. 1

B. Sax. 2

B. Sax. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cntr

Tndr.: Right

G

94

S. Sax. 1 *ff*
 S. Sax. 2 *ff*
 S. Sax. 3 *ff*
 A. Sax. 1 *ff*
 A. Sax. 2 *ff*
 A. Sax. 3 *ff*
 A. Sax. 4 *ff*
 T. Sax. 1 *ff*
 T. Sax. 2 *f ff*
 T. Sax. 3 *ff*
 B. Sax. 1 *ff*
 B. Sax. 2 *ff*
 B. Sax. 3 *ff*
 Bs. Sax. *ff*
 Tndr.: Left *f ff* strike spring with metal rod
 Tndr.: Cntr *f ff* strike spring with metal rod
 Tndr.: Right *f ff* strike spring with metal rod

101

S. Sx. 1

S. Sx. 2

S. Sx. 3

A. Sx. 1

A. Sx. 2

A. Sx. 3

A. Sx. 4

T. Sx. 1

T. Sx. 2

T. Sx. 3

B. Sx. 1

B. Sx. 2

B. Sx. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cnt

Tndr.: Right

(shake)
mf *ff*

(shake)
mf *ff*

(shake)
mf *ff*

mp *f*

109

H

S. Sax. 1

S. Sax. 2

S. Sax. 3

A. Sax. 1

A. Sax. 2

A. Sax. 3

A. Sax. 4

T. Sax. 1

T. Sax. 2

T. Sax. 3

B. Sax. 1

B. Sax. 2

B. Sax. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cnt.

Tndr.: Right

Musical score for saxophones and timpani, measures 109-112. The score is divided into sections for Saxophones (S. Sax. 1-3, A. Sax. 1-4, T. Sax. 1-3, B. Sax. 1-3, Bs. Sax.) and Timpani (Tndr.: Left, Cnt., Right). The key signature has one sharp (F#) and the time signature changes from 4/4 to 2/4 and back to 4/4. Dynamics include *fff* and *f*. Performance instructions for timpani include "strike spring with metal rod" and "run finger & thumb quickly down length of spring".

For personal use only. WWW.JOHNMACKEY.COM

116

This musical score page contains parts for various instruments. The saxophone section includes three Soprano Saxophones (S. Sx. 1-3), four Alto Saxophones (A. Sx. 1-4), three Tenor Saxophones (T. Sx. 1-3), and three Baritone Saxophones (B. Sx. 1-3). The trumpet section includes Left, Center, and Right Trumpets (Tndr.: Left, Cntr, Right). The score is written in treble clef with a key signature of one sharp (F#). Dynamics such as *p*, *f*, *mf*, and *ff* are indicated throughout. A large watermark 'For perusal use only WWW.JOHNMACKEY.COM' is overlaid diagonally across the page.

I

124

S. Sax. 1 *f mp p p f subito p p*

S. Sax. 2 *p f subito p*

S. Sax. 3 *p*

A. Sax. 1

A. Sax. 2

A. Sax. 3 *mf p f subito p p*

A. Sax. 4 *p f subito p mp*

T. Sax. 1 *f p*

T. Sax. 2 *f p*

T. Sax. 3

B. Sax. 1 *f p*

B. Sax. 2 *f p*

B. Sax. 3 *f p*

Bs. Sax. *mf subito p*

Tndr.: Left *mf mp*
strike spring with metal rod

Tndr.: Cntr *mf mp*
strike spring with metal rod

Tndr.: Right *mf mp*

132

This musical score page, numbered 132, features a variety of instruments. The woodwind section includes three Soprano Saxophones (S. Sx. 1-3), three Alto Saxophones (A. Sx. 1-3), three Tenor Saxophones (T. Sx. 1-3), and one Bass Saxophone (Bs. Sax.). The brass section consists of three Trumpets (T. Sx. 1-3) and three Trombones (B. Sx. 1-3). The percussion section includes three Timpani parts (Tndr.: Left, Cnt, Right). The score is written in treble clef with a key signature of one sharp (F#). It contains dynamic markings such as *mf*, *mp*, *p*, *f*, and *subito p*. A large, diagonal watermark reading "For personal use only www.johnmackerley.com" is overlaid across the page.

J

This musical score is for a saxophone section and woodwinds. It consists of 18 staves. The top three staves are for Soprano Saxophones (S. Sx. 1, 2, 3), the next four for Alto Saxophones (A. Sx. 1, 2, 3, 4), the next three for Tenor Saxophones (T. Sx. 1, 2, 3), the next three for Baritone Saxophones (B. Sx. 1, 2, 3), and the bottom three for Woodwinds (Tndr.: Left, Tndr.: Contr., Tndr.: Right). The score is in 4/4 time with a key signature of one sharp (F#). Dynamics include *mp*, *mf*, and *p*. A large watermark 'For personal use only www.johnmhckey.com' is overlaid diagonally across the page.

K

148

S. Sax. 1

S. Sax. 2

S. Sax. 3

A. Sax. 1

A. Sax. 2

A. Sax. 3

A. Sax. 4

T. Sax. 1

T. Sax. 2

T. Sax. 3

B. Sax. 1

B. Sax. 2

B. Sax. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cntr

Tndr.: Right

mf

mf

mf

mp

mf

f

mp

mf

f

mf

f

mf

mp

mf

f

mf

mp

mf

f

mf

mp

mf

f

mf

strike spring with metal rod

strike spring with metal rod

strike spring with metal rod

For personal use only WWW.JOHNMACKEY.COM

156

Musical score for a band, page 20, starting at measure 156. The score includes parts for Saxophones (S. and A.), Trombones (T. and B.), Bass Saxophone, and Drums (Left, Center, Right). Dynamics include *mf*, *p*, *cresc.*, and *f*.

Saxophones:
S. Sax. 1, 2, 3: Treble clef, mostly rests.
A. Sax. 1, 2, 3, 4: Treble clef, sharp key signature, mostly rests.
T. Sax. 1, 2, 3: Treble clef, mostly eighth notes with accents.
B. Sax. 1, 2, 3: Treble clef, sharp key signature, mostly eighth notes with accents.
Bs. Sax.: Treble clef, sharp key signature, mostly eighth notes with accents.

Drums:
Tndr.: Left: Treble clef, mostly rests.
Tndr.: Cntr: Treble clef, mostly rests.
Tndr.: Right: Treble clef, mostly rests.

Watermark: For personal use only WWW.JOHNMACKEY.COM

L

166

S. Sax. 1
cresc. *ff*

S. Sax. 2
cresc. *ff*

S. Sax. 3
f *ff*

A. Sax. 1
f *mp* *ff*

A. Sax. 2
f *mp* *ff*

A. Sax. 3
f *mp* *ff*

A. Sax. 4
f *mp* *ff*

T. Sax. 1
ff

T. Sax. 2
ff

T. Sax. 3
ff

B. Sax. 1
ff

B. Sax. 2
ff

B. Sax. 3
ff

Bs. Sax.
cresc. *ff*

Tndr.: Left
ff strike spring with metal rod

Tndr.: Cntr
mf *ff* strike spring with metal rod

Tndr.: Right
mf cresc. *ff* strike spring with metal rod

174

S. Sax. 1

S. Sax. 2

S. Sax. 3

A. Sax. 1

A. Sax. 2

A. Sax. 3

A. Sax. 4

T. Sax. 1

T. Sax. 2

T. Sax. 3

B. Sax. 1

B. Sax. 2

B. Sax. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cntr

Tndr.: Right

For personal use only WWW.JOHNMACKEY.COM

181

S. Sax. 1

S. Sax. 2

S. Sax. 3

A. Sax. 1

A. Sax. 2

A. Sax. 3

A. Sax. 4

T. Sax. 1

T. Sax. 2

T. Sax. 3

B. Sax. 1

B. Sax. 2

B. Sax. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cntr

Tndr.: Right

For personal use only WWW.JOHNMACKEY.COM

strike spring with metal rod

mp *f*

ff

strike spring with metal rod

ff

strike spring with metal rod

mp *f*

ff

M

188

Musical score for a symphony orchestra, measures 188-191. The score includes parts for strings (S. Sx. 1-3, A. Sx. 1-4), woodwinds (T. Sx. 1-3, B. Sx. 1-3, Bs. Sax.), and percussion (Tndr.: Left, Tndr.: Cntr, Tndr.: Right). Dynamics range from *mp* to *ff*. A large watermark "For personal use only WWW.JOHNMACKEY.COM" is overlaid diagonally across the page.

193

S. Sax. 1

S. Sax. 2

S. Sax. 3

A. Sax. 1

A. Sax. 2

A. Sax. 3

A. Sax. 4

T. Sax. 1

T. Sax. 2

T. Sax. 3

B. Sax. 1

B. Sax. 2

B. Sax. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cntr.

Tndr.: Right

f

p

ff

N

198

S. Sax. 1

S. Sax. 2

S. Sax. 3

A. Sax. 1

A. Sax. 2

A. Sax. 3

A. Sax. 4

T. Sax. 1

T. Sax. 2

T. Sax. 3

B. Sax. 1

B. Sax. 2

B. Sax. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cntr

Tndr.: Right

This page contains a musical score for a saxophone section and woodwinds. The score is written for 13 instruments: three Soprano Saxophones (S. Sax. 1, 2, 3), four Alto Saxophones (A. Sax. 1, 2, 3, 4), three Tenor Saxophones (T. Sax. 1, 2, 3), three Baritone Saxophones (B. Sax. 1, 2, 3), and one Bass Saxophone (Bs. Sax.). The woodwind section includes Left Trombone (Tndr.: Left), Center Trombone (Tndr.: Cntr), and Right Trombone (Tndr.: Right). The music is in a key with one sharp (F#) and a common time signature. The score begins at measure 198. The Soprano Saxophones play a melodic line with eighth-note patterns. The Alto Saxophones play a similar melodic line. The Tenor Saxophones play a rhythmic accompaniment with eighth notes. The Baritone and Bass Saxophones play a rhythmic accompaniment with quarter notes. The woodwinds play a rhythmic accompaniment with quarter notes. The score includes various musical notations such as slurs, accents, and dynamic markings. A large watermark 'For perusal use only WWW.JOHNMACKEY.COM' is overlaid diagonally across the page.



206

S. Sax. 1

S. Sax. 2

S. Sax. 3

A. Sax. 1

A. Sax. 2

A. Sax. 3

A. Sax. 4

T. Sax. 1

T. Sax. 2

T. Sax. 3

B. Sax. 1

B. Sax. 2

B. Sax. 3

Bs. Sax.

Tndr.: Left

Tndr.: Cnt

Tndr.: Right

fp

fp

fp

fp

fp

ff

mp *cresc.*

mp *cresc.*

mp *cresc.*

For personal use only WWW.JOHNMACKEY.COM

2/3

S. Sx. 1
S. Sx. 2
S. Sx. 3
A. Sx. 1
A. Sx. 2
A. Sx. 3
A. Sx. 4
T. Sx. 1
T. Sx. 2
T. Sx. 3
B. Sx. 1
B. Sx. 2
B. Sx. 3
Bs. Sax.
Tndr.: Left
Tndr.: Cntr.
Tndr.: Right

For personal use only WWW.JOHNMACKEY.COM