

Solar Storm

David Marlatt

A solar storm (or solar flare) is a large explosion in the Sun's atmosphere releasing massive amounts of energy. The first ever recorded was by British astronomer Richard Carrington in 1859. What he witnessed was the most powerful solar flare of the last 500 years and was called the Carrington Event. It caused spectacular auroras (usually only found on the poles of the earth) to be seen as far south as Cuba. Auroras are caused by collisions in the Earth's magnetic field by charged particles. Solar storms could last 24-48 hours and the effects can be felt here on Earth. It can disrupt power grids, navigation systems as well as satellites and work done by astronauts in space.

The opening should be very dramatic and bold. Exact coordination of the percussionists is crucial - they should sound like one. The wind players entry at 11 should be biting and intense. Accents throughout the work should be exaggerated to make the most of the shifting rhythmic feel.

Sunspots - this should be played very short - *secco*. This is contrasted by the soprano, flugel and baritone at 131.

Ode to Helios - sustained and chant-like. This is the spiritual worship by peoples thousands of years ago not understanding what was happening with the sun. They are praying for the storms to end and to please their sun god. Sing in a comfortable range, move together and don't let the tempo lag.

The Carrington Event - make the most of the accents in this shifting section. The uncertainty of this solar storms leads the listener to the next section.

Aurora Borealis - the elegant bold light show that is an aurora must come through in this broad section. The euphoniums and baritones must sound massive whenever they play.

**World premiere performed by the Cambridge Brass Band
at the New Zealand National Brass Band competition in July 2012.**

David Marlatt has composed pieces for concert band, string orchestra, brass quintet, trumpet ensemble, piano, tuba and trumpet. His writing style is diverse and he has written for a wide range of difficulty levels from very young concert band to professional brass quintet. His jazz based trumpet ensemble pieces Groovy Vamp and A Coconut Named Alex have been well received by audiences everywhere and his concert band compositions are found on many festival lists. He has also arranged over 800 pieces of repertoire from the Baroque to the Romantic eras such as Monteverdi madrigals, a large suite of music from Handel's Messiah, Largo from New World Symphony and even Mahler's First Symphony.

Mr. Marlatt is a trumpet player who obtained a music education degree from the University of Western Ontario, Canada. He was Principal Cornet in the Whitby Brass Band for 6 years and founder of the trumpet ensemble Trumpets in Style. As a performer, he has played in jazz bands, brass quintets, orchestras, concert bands, brass bands and period instrument ensembles.

*Please contact the composer if you require any further information about this piece
or his availability for commissioning new works and appearances.*

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DURATION: 9:00

DIFFICULTY RATING: Medium-Difficult
Brass Band

Commissioned by the Cambridge Brass Band, New Zealand, Michelle Flint Conductor

SOLAR STORM

David Marlatt

Slowly $\text{♩} = 66$ 2 3 4 5 6 7 8
accel. molto

The musical score is arranged in a standard orchestral layout. It features 20 staves for brass instruments: E♭ Soprano Cornet, B♭ Solo Cornet 1, B♭ Solo Cornet 2, B♭ Repiano Cornet, B♭ Cornet 2, B♭ Cornet 3, B♭ Flugel horn, E♭ Solo Horn, E♭ Horn 1, E♭ Horn 2, B♭ Baritone 1, B♭ Baritone 2, B♭ Trombone 1, B♭ Trombone 2, Bass Trombone, B♭ Euphonium, E♭ Tuba, and B♭ Tuba. The percussion section includes Xylophone, Bells, Chimes, Timpani (G-C-E♭-F), Triangle, High Hat, Tom Toms (3), Snare Drum, Bass Drum, Triangle, Wood Block, Claves, Vibraslap, Tambourine, Suspended Cymbal, and Crash Cymbals, Tam-tam (Gong). The score is marked with a tempo of 66 and a dynamic range from *pppp* to *ff*. A large 'PREVIEW ONLY' watermark is overlaid across the center of the page.

High Hat, Tom Toms (3),
Snare Drum, Bass Drum

Triangle, Wood Block
Claves, Vibraslap
Tambourine, Suspended Cymbal
Crash Cymbals, Tam-tam (Gong)

9

10

11

Con Brio $\text{♩} = 166$ 13

14

15

16

2+2+3

3+2+2

2+2+3

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo

Bells

Chimes

Timp

Tri

H.H. T.T.

S.D. B.D.

Tri. Tamb.

W.B. S.C.

Claves C.C.

V.S. Gong

S.C.

+C.C. and Gong

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17

18

always

19

20

21

2+2+3

22

23

24

3+2+2

Sop *ff*

Solo 1 *ff*

Solo 2 *ff*

Rep *ff*

Cnt 2 *ff*

Cnt 3 *ff*

Flug *ff*

Solo *ff*

Hn 1 *ff*

Hn 2 *ff*

Bari 1 *ff*

Bari 2 *ff*

Trbn 1 *ff*

Trbn 2 *ff*

Bass *ff*

Euph *ff*

E♭ *ff*

B♭ *ff*

Xylo *ff*

Bells *ff*

Chimes *ff*

Timp *ff*

Tri *ff*

H.H. T.T. *ff*

S.D. B.D. *ff*

Tri. Tamb. *ff*

W.B. S.C. *ff*

Claves C.C. *ff*

V.S. Gong *ff*

25 26 27 28 29 30 31 32
2+2+3 3+2+2 2+2+3

Sop
Solo 1
Solo 2
Rep
Cnt 2
Cnt 3
Flug
Solo
Hn 1
Hn 2
Bari 1
Bari 2
Trbn 1
Trbn 2
Bass
Euph
Eb
Bb
Xylo
Bells
Chimes
Timp
Tri
H.H. T.T.
S.D. B.D.
Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

f *mf* *mp*
f *mf* *mp*
f *mf* *mp*
f *mf*
f *mf* *mp*
f *mf* *mp*
f *mf* *mp*
f
f
f
f
f
f
f
f
f *mf* *mp*
f *mf* *mp*
ff *f* *mf* *mp*

Toms - Mid, Low
W.B.

PREVIEW ONLY

33

34

35

36

37

38

39

40

Sop *p*

Solo 1 *p*

Solo 2 *p*

Rep *p*

Cnt 2 *p*

Cnt 3 *p*

Flug *p*

Solo *p*

Hn 1 *p*

Hn 2 *p*

Bari 1 *p*

Bari 2

Trbn 1

Trbn 2

Bass

Euph *mp* solo 1 player

E♭

B♭

Xylo Bells Chimes *p*

Timp Tri

H.H. T.T. S.D. B.D. *p*

Tri. Tamb. W.B. S.C. Claves C.C. V.S. Gong *p* S.C. - scrape with beater

PREVIEW ONLY

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

p *mp* *mf* *mp*

p *mp* *mf* *mp*

p *mp* *mf* *mp*

p *mp* *mf* *mp*

p *mp* *mf* *mp*

p *mp* *mf* *mp*

p *mp* *mf* *mp*

Toms - Mid, Low

p *mp* *mf* *mp*

PREVIEW ONLY

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

Gong *p*

SOLAR FLARES

Score for Solar Storm, page 9, measures 65-72. The score includes parts for Soprano (Sop), Solo 1, Solo 2, Repetitive (Rep), Chorus 2 (Cnt 2), Chorus 3 (Cnt 3), Flute (Flug), Solo, Horn 1 (Hn 1), Horn 2 (Hn 2), Bari 1, Bari 2, Trbn 1, Trbn 2, Bass, Euphonium (Euph), Eb, Bb, Xylophone (Xylo), Bells, Chimes, Timp, Tri, H.H. (Hi-Hat), T.T. (Tom Tom), S.D. (Snare Drum), B.D. (Bass Drum), Tri. Tamb. (Triangle/Tambourine), W.B. S.C. (Wood Block/Sand Cone), Claves, C.C. (Congas), and V.S. Gong.

Measures 65-68 feature dynamic markings of *p* and *f*. Measure 69 includes the instruction *tutti*. Measures 69-72 are marked *ff*. A large watermark reading "PREVIEW ONLY" is overlaid across the middle of the page.

At the bottom of the page, there are additional markings: *ff* and *choke* (three instances) under the Percussion section.

73

74

75

76

77

78

79

80

2+3

2+2+3

Score for Solar Storm, page 10, measures 73-80. The score includes parts for Sopranos, Solos 1 & 2, Reeds (Flute, Clarinet, Saxophone), Horns 1 & 2, Baritone 1 & 2, Trumpets 1 & 2, Bass, Euphonium, Eb Trombone, Bassoon, Xylophone, Bells, Chimes, Timpani, Triangles, Tom-toms (High, Mid), Snare Drum, Congas, Claves, and Gong. The music features complex rhythmic patterns, including triplet and dotted rhythms, and dynamic markings such as *fp* and *ff*. A large watermark "PREVIEW ONLY" is overlaid across the middle of the page.

81

82

83

84

85

86

87

2+3

2+2+3

2+3

2+2+3

2+3

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

88

89
2+2+3

90

91

92

93

94

95

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

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H.H. closed

to Xylo

choke

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo

Bells

Chimes

Timp

Tri

H.H. T.T.

S.D. B.D.

Tri. Tamb.

W.B. S.C.

Claves C.C.

V.S. Gong

sub. pp

pp

p

pp

p

p

p

p

pp

p

p

pp

pp

p

p

p

pp

pp

p

p

p

p

Tri.

Tom - mid

W.B.

to Tri.

Sop

Solo 1 *mf*

Solo 2 *mf*

Rep *mf*

Cnt 2 *mf*

Cnt 3 *mf*

Flug *p*

Solo *p*

Hn 1 *mf*

Hn 2 *mf*

Bari 1 *p*

Bari 2 *p*

Trbn 1 *mf*

Trbn 2 *mf*

Bass *f*

Euph *f*

E♭ *mf*

B♭ *f*

Xylo
Bells
Chimes *f*

Timp
Tri *f*

H.H. T.T.
S.D. B.D. *mp*

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong *f*

111
2+2+3

112

113

114

115

116

117

PREVIEW ONLY

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

Solo 1 *p* *f*

Solo 2 *p* *f* *sub.p* *mp*

Rep *p* *f*

Cnt 2 *p* *f* *mp*

Cnt 3 *p* *f*

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

Solo *p* *f*

Hn 1 *p* *f*

Hn 2 *p* *f*

Bari 1 *f* *sub.p* *mp*

Bari 2 *p* *f* *sub.p* *mp*

Trbn 1 *p* *f* *sub.p* *mp*

Trbn 2 *p* *f* *sub.p* *mp*

Bass *f*

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

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

Bb *p* *f*

Xylo Bells Chimes

Timp Tri *f*

H.H. T.T. S.D. B.D. *f*

Tri. Tamb. W.B. S.C. Claves C.C. V.S. Gong *f*

S.C. *f* choke

Sop *mf* *f*

Solo 1 *mf* *f* to cup mute *p* lightly and very short cup mute

Solo 2 *mf* *f* to cup mute *p* lightly and very short cup mute

Rep *mf* *f* to cup mute *p* lightly and very short cup mute

Cnt 2 *mf* *f* to cup mute *p* lightly and very short cup mute

Cnt 3 *mf* *f* to cup mute *p* lightly and very short cup mute

Flug *mf* *f*

Solo *mf* *f*

Hn 1 *mf* *f*

Hn 2 *mf* *f*

Bari 1 *mf* *f*

Bari 2 *mf* *f*

Trbn 1 *mf* *f* to cup mute

Trbn 2 *mf* *f* to cup mute

Bass *mf* *f* to cup mute

Euph *mf* *f* 1 player *p* lightly and very short

E♭ *mf* *f* 1 player *sub. p* lightly and very short

B♭ *mf* *f*

Xylo *mf* *f*

Bells *mf* *f*

Chimes *mf* *f*

Timp *mf* *f*

Tri *mf* *f* to Claves

H.H. T.T. *mf* *f*

S.D. B.D. *mf* *f*

Tri. Tamb. *mf* *f*

W.B. *mf* *f*

S.C. *mf* *f* S.C. - scrape with beater

Claves C.C. *mf* *f*

V.S. Gong *mf* *f*

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

p broadly - very sustained

mp broadly - very sustained

p

scrape

PREVIEW ONLY

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

pp

p

1 player open

p

p

p

p lightly and very short

p lightly and very short

p lightly and very short

p

cup mute

p lightly and very short

cup mute

p lightly and very short

cup mute

p lightly and very short

tutti

p

tutti

p lightly and very short

p

p

p

Xylo

p

to Tri.

Vibraslap

Tri.

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

still muted
p

p lightly and very short

p lightly and very short

open

open

open

1 player (open)

152

153

Chorale $\text{♩} = 66$
sempre legato

156

157

158

159

Sop

Solo 1 *tutti open*

Solo 2 *open*

Rep *open*

Cnt 2 *open*

Cnt 3 *open*

Flug *solo - con espressivo*

Solo

Hn 1

Hn 2

Bari 1 *mp*

Bari 2 *mp*

Trbn 1 *open p sub.p mp*

Trbn 2 *open p sub.p mp*

Bass

Euph *p sub.p mp*

E♭ *p sub.p mp*

B♭ *p sub.p mp*

Xylo
Bells
Chimes *p*

Timp
Tri *p*

H.H. T.T.
S.D. B.D. *B.D.*

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong *p mp S.C.*

ODE TO HELIOS
Chant-like

162

163

164

165

166

167

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo

Bells

Chimes

Timp

Tri

H.H. T.T.

S.D. B.D.

Tri. Tamb.

W.B. S.C.

Claves C.C.

V.S. Gong

p

mp

pp

1 player

PREVIEW ONLY

168

169

170

171

172

Slower $\text{♩} = 60$

Sing "ahh" in comfortable octave
(written in transposed pitch)

Sop
 Solo 1 (1 player, *p*, *tutti*)
 Solo 2 (1 player, *p*, *tutti*)
 Rep
 Cnt 2
 Cnt 3
 Flug
 Solo
 Hn 1
 Hn 2
 Bari 1
 Bari 2
 Trbn 1
 Trbn 2
 Bass
 Euph
 Eb
 Bb
 Xylo Bells Chimes
 Timp
 Tri
 H.H. T.T.
 S.D. B.D.
 Tri. Tamb.
 W.B. S.C.
 Claves C.C.
 V.S. Gong

p *tutti*
p *tutti*
p *tutti*
p
p
p
p
p
p

Sing "ahh" in comfortable octave (written in transposed pitch)

Chimes to H.H. *p*

Sing "ahh" in comfortable octave (written in transposed pitch)

176

177

178

179

180

181

182

183

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

184 *legato* - no accents!
185
186
187
188
189
190
191
192
silent bar

Sop
Solo 1
Solo 2
Rep
Cnt 2
Cnt 3
Flug
Solo
Hn 1
Hn 2
Bari 1
Bari 2
Trbn 1
Trbn 2
Bass
Euph
Eb
Bb
Xylo
Bells
Chimes
Timp
Tri
H.H. T.T.
S.D. B.D.
Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

Fast! ♩ = 172

Sop

Solo 1
cup mute
p

Solo 2
cup mute
p

Rep
cup mute
p

Cnt 2
cup mute
p

Cnt 3
cup mute
p

Flug
solo
mp *pp*

Solo
pp

Hn 1
pp

Hn 2
pp

Bari 1
pp

Bari 2
pp

Trbn 1

Trbn 2

Bass

Euph
pp *mf*

E♭
1 player
pp *mf* tutti

B♭
mf

Xylo
Bells
Chimes

Timp
Tri
pp

H.H. T.T.
S.D. B.D.
mf H.H. closed

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

mf

mf

mf

solo

f

Tom - mid

209

210

211

212

213
3+3+2

214

215

216
in 4

217

218

219

220

221

222

223

224

3+3+2

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

Tamb.

Toms - Mid, Low

PREVIEW ONLY

225

226

227

228

229

230

231

232

in 4

3+3+2

in 4

Musical score for *Solar Storm*, page 29. The score includes parts for Soprano, Solo 1, Solo 2, Repetition, Canto 2, Canto 3, Flugelhorn, Solo, Horn 1, Horn 2, Bari 1, Bari 2, Trumpet 1, Trumpet 2, Bass, Euphonium, Eb, Bb, Xylophone, Bells, Chimes, Timp, Tri, H.H. T.T., S.D. B.D., Tri. Tamb., W.B. S.C., Claves C.C., and V.S. Gong. The score is divided into measures 225-232, with a key signature change to 4/4 in measure 226 and back to 3/4 in measure 231. Dynamics include *mf*, *f*, and *p*. Performance instructions include *choke* and *dampen*.

233

234

235

236

237

238

239

240

3+3+2

in 4

Sop *p* *f*

Solo 1 1 player *p* *f* tutti

Solo 2 1 player *p* *f* tutti

Rep *p* *f*

Cnt 2 *f*

Cnt 3 *f*

Flug *f*

Solo *f*

Hn 1 *f*

Hn 2 *f*

Bari 1 *f*

Bari 2 *f*

Trbn 1 *f*

Trbn 2 *f*

Bass *f*

Euph *f*

E♭ *f*

B♭ *f*

Xylo *p* *f*

Bells *p* *f*

Chimes *p* *f*

Timp *pp* *f*

Tri *pp* *f*

H.H. T.T. *pp* *f*

S.D. B.D. *pp* *f*

Tri. Tamb. *pp* *f*

W.B. S.C. *pp* *f*

Claves C.C. *pp* *f*

V.S. Gong *pp* *f*

Gong *pp* *f*

C.C. *f* choke

256

257

258

259

260

261

262

263

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

264

265

266

267

268

269

270

271

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo

Bells

Chimes

Timp

Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

272

273

274

275

276

277

278

279

Sop

Solo 1

Solo 2

Rep

Cnt 2

Cnt 3

Flug

Solo

Hn 1

Hn 2

Bari 1

Bari 2

Trbn 1

Trbn 2

Bass

Euph

E♭

B♭

Xylo
Bells
Chimes

Timp
Tri

H.H. T.T.
S.D. B.D.

Tri. Tamb.
W.B. S.C.
Claves C.C.
V.S. Gong

fp

fp

fp

fp

fp

fp

fp

fp

fp

fp

fp

fp

fp

fp

f

p

B.D. to Chimes

