

JAZZ BEGINNINGS SERIES



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Polar Vortex

VICTOR LÓPEZ

INSTRUMENTATION

Conductor
1st E♭ Alto Saxophone
2nd E♭ Alto Saxophone
1st B♭ Tenor Saxophone
2nd B♭ Tenor Saxophone (Optional)
1st B♭ Trumpet
2nd B♭ Trumpet (Optional)

1st Trombone
2nd Trombone (Optional)
Guitar Chords
Guitar (Optional)
Piano
Bass
Drums

Optional/Alternate Parts

1st C Flute
2nd C Flute
1st B♭ Clarinet
2nd B♭ Clarinet
E♭ Baritone Saxophone
Vibraphone
Auxiliary Percussion (Cowbell, Tambourine)
Tuba (Doubles Bass)
Horn in F (Doubles 1st Trombone)
Baritone Horn T.C./B♭ Tenor Saxophone (Doubles 1st Trombone)
iPad/Cell Phone Sound Effect (Download)

NOTES TO THE CONDUCTOR

Some fun facts: A “polar vortex” is a large pocket of very cold air, typically the coldest, that sits over the arctic region of North America during the winter. The polar vortex is not a new phenomenon, as scientists have been studying it for many decades. What really happens is that every now and then, areas of high pressure displace this mass of cold air over the Pacific, pushing the colder air south over Canada and into the upper regions of the United States.

Now to the music. The introduction sets the mood for the siren-like sound at m. 5, followed by a thematic funk bass unison motive, played by the bass, guitar, and piano, that leads to the unison melody at m. 13. Up to that point, the music anticipates the arrival of something—the “polar vortex.”

At m. 21, the mood changes, as the melodic line is now harmonized in fourths to give the harmony an edgy, cool sound. Then the siren-like effect returns, and musical intensity begins to develop as the unison melody returns.

At m. 42, the solo section includes a written alto sax solo. The soloist can play as written or embellish some improvisational ideas. If desired, other soloists could play in this solo section.

When programming this work, adding an actual siren/alarm sound effect will certainly enhance the dramatic effectiveness of the piece. You are encouraged to experiment with the following idea:

Have a couple of students research the Internet for a siren/alarm-like sound effect application (app).

Download the app to a Smart Phone or Tablet.

Once the download is completed, play the siren/alarm sound through a sound system or small amplifier so that it is heard, but make certain the sound is not distorted and does not drown out the ensemble. With a little practice, this approach should come off smoothly and effectively.

To make this activity even more fun, get the audience involved by inviting the school principal, a parent, or a community leader to play the sound effect. This person would not have to read music; just cue the sound effect as needed.

Have fun!

—Victor López



Victor López

Victor López is a highly acclaimed educator, composer, arranger, and adjudicator. He holds music degrees from the University of Florida and Florida International University, with an Ed.D. in Educational Administration and Supervision. He has served as director of bands at the middle and senior high school levels and as an administrator in the Miami-Dade County Public Schools. He has recorded and performed with various artists and has appeared in numerous music videos. He has over 450 compositions/arrangements published as an exclusive composer, arranger and clinician for Alfred Music.

CONDUCTOR
43661S

ROCK $\text{d} = 126$

1ST C FLUTE
(OPTIONAL)

2ND C FLUTE
(OPTIONAL)

1ST B♭ CLARINET
(OPTIONAL)

2ND B♭ CLARINET
(OPTIONAL)

1ST E♭ ALTO SAXOPHONE

2ND E♭ ALTO SAXOPHONE

1ST B♭ TENOR SAXOPHONE

2ND B♭ TENOR SAXOPHONE
(OPTIONAL)

1ST B♭ TRUMPET

2ND B♭ TRUMPET
(OPTIONAL)

1ST TROMBONE

2ND TROMBONE
(OPTIONAL)

GUITAR
(OPTIONAL)

PIANO

BASS

DRUMS

POLAR VORTEX

By Victor López (ASCAP)

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CONDUCTOR

-2-

POLAR VORTEX

FLUTE 1

FLUTE 2

CLAR. 1

CLAR. 2

ALTO 1

ALTO 2

TENOR 1

TENOR 2

TPT. 1

TPT. 2

TBN. 1

TBN. 2

GTR.

PNO.

BASS

DRUMS

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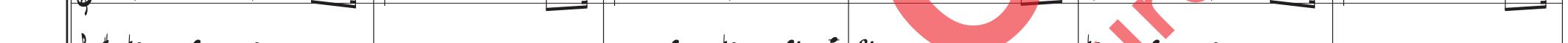
7 8 9 10 11 12

CONDUCTOR

ff

- 3 -

POLAR VORTEX



13

14

15

16

17

18

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CONDUCTOR

POLAR VORTEX

(1) - 4 -

FLUTE 1
FLUTE 2
CLAR. 1
CLAR. 2
ALTO 1
ALTO 2
TENOR 1
TENOR 2
TPT. 1
TPT. 2
TBN. 1
TBN. 2
GTR.
PNO.
BASS
DRUMS

19 20 21 22 23 24

CONDUCTOR

- 5 -

POLAR VORTEX

FLUTE 1

FLUTE 2

CLAR. 1

CLAR. 2

ALTO 1

ALTO 2

TENOR 1

TENOR 2

TPT. 1

TPT. 2

TBN. 1

TBN. 2

GR. 1

GR. 2

PNO.

BASS

DRUMS

25 26 27 28 29 30

TO CODA

POLAR VORTEX

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CONDUCTOR

- 6 -

POLAR VORTEX

FLUTE 1

FLUTE 2

CLAR. 1

CLAR. 2

ALTO 1

ALTO 2

TENOR 1

TENOR 2

TPT. 1

TPT. 2

TBN. 1

TBN. 2

GTR.

PNO.

BASS

DRUMS

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CONDUCTOR

- 7 -

POLAR VORTEX

The musical score consists of 15 staves, each representing a different instrument or role:

- FLUTE 1
- FLUTE 2
- CLAR. 1
- CLAR. 2
- ALTO 1
- ALTO 2
- TENOR 1
- TENOR 2
- TPT. 1
- TPT. 2
- TBN. 1
- TBN. 2
- GTR.
- PNO.
- BASS
- DRUMS

The score is set in a key signature of two flats (B-flat major) and includes measures numbered 37 through 41 at the bottom. A large red diagonal watermark reading "Legal Use Requires Purchase Only" is overlaid across the entire page.

CONDUCTOR

(OPT. OPEN FOR SOLOS)

PLAY 2ND TIME ONLY OR ON CUE

- 8 -

POLAR VORTEX

FLUTE 1

FLUTE 2

CLAR. 1

CLAR. 2

ALTO 1

ALTO 2

TENOR 1

TENOR 2

TPT. 1

TPT. 2

TBN. 1

TBN. 2

GTR.

PNO.

BASS

DRUMS

42 43 44 45 46 47 48

CONDUCTOR

- 9 -

POLAR VORTEX

FLUTE 1

FLUTE 2

CLAR. 1

CLAR. 2

ALTO 1

ALTO 2

TENOR 1

TENOR 2

TPT. 1

TPT. 2

TBN. 1

TBN. 2

GTR.

PNO.

BASS

DRUMS

49 50 51 52 53 54

FM7 E7 A7sus E7 A7sus G7

FM7 E7 A7sus E7 A7sus G7

TOMS

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Conductor

- 10 -

POLAR VORTEX
O.S. 55 AL CODA

D.S. % AL CODA

55

56

57

58

59

60

61

CONDUCTOR

POLAR VORTEX

- 11 -

FLUTE 1

FLUTE 2

CLAR. 1

CLAR. 2

ALTO 1

ALTO 2

TENOR 1

TENOR 2

TPT. 1

TPT. 2

TBN. 1

TBN. 2

GTR.

PNO.

BASS

DRUMS

CODA

Polar Vortex

Review

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