

thunderstorm (2018)

for 2 pianos and 2 percussion

written for the Yarn|Wire Ensemble

Max Chung

thunderstorm

Written for the Yarn|Wire Ensemble

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Calm and Resonant (♩ = 48)

Percussion

Vibraphone

Piano

Piano

Hold down pedal and let all notes ring

Let harmonics vibrate in the piano and do not lift up pedals

Do not lift up pedal

pp

p

f

p

1 2 2 7 2

8

3

©

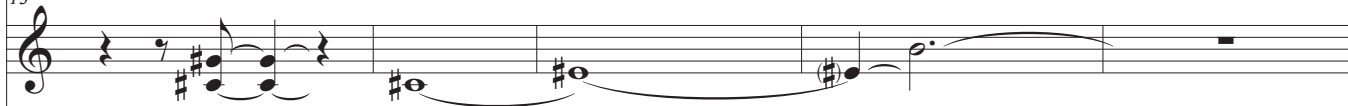
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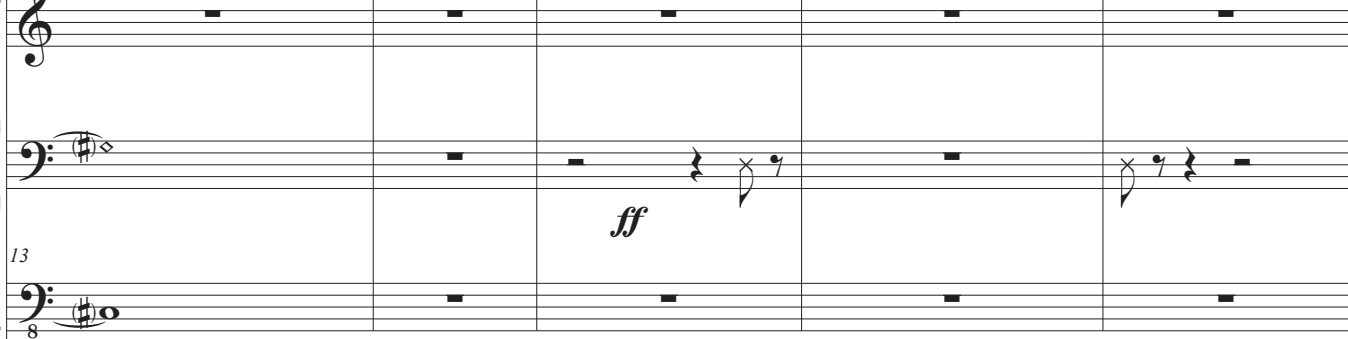
The musical score is divided into three systems, each with a measure number 7 at the beginning.

- Perc.** (Percussion): The first system shows a snare drum pattern with a triplet of eighth notes. The second system shows a cymbal pattern with a triplet of eighth notes. The third system shows a snare drum pattern with a triplet of eighth notes.
- Vib.** (Vibraphone): The first system shows a melodic line starting on G#4, moving up to A#4, then down to G#4, F#4, E#4, D#4, C#4, B#3, A#3, G#3, F#3, E#3, D#3, C#3, B#2, A#2, G#2, F#2, E#2, D#2, C#2, B#1, A#1, G#1, F#1, E#1, D#1, C#1, B#0, A#0, G#0, F#0, E#0, D#0, C#0, B#-1, A#-1, G#-1, F#-1, E#-1, D#-1, C#-1, B#-2, A#-2, G#-2, F#-2, E#-2, D#-2, C#-2, B#-3, A#-3, G#-3, F#-3, E#-3, D#-3, C#-3, B#-4, A#-4, G#-4, F#-4, E#-4, D#-4, C#-4, B#-5, A#-5, G#-5, F#-5, E#-5, D#-5, C#-5, B#-6, A#-6, G#-6, F#-6, E#-6, D#-6, C#-6, B#-7, A#-7, G#-7, F#-7, E#-7, D#-7, C#-7, B#-8, A#-8, G#-8, F#-8, E#-8, D#-8, C#-8, B#-9, A#-9, G#-9, F#-9, E#-9, D#-9, C#-9, B#-10, A#-10, G#-10, F#-10, E#-10, D#-10, C#-10, B#-11, A#-11, G#-11, F#-11, E#-11, D#-11, C#-11, B#-12, A#-12, G#-12, F#-12, E#-12, D#-12, C#-12, B#-13, A#-13, G#-13, F#-13, E#-13, D#-13, C#-13, B#-14, A#-14, G#-14, F#-14, E#-14, D#-14, C#-14, B#-15, A#-15, G#-15, F#-15, E#-15, D#-15, C#-15, B#-16, A#-16, G#-16, F#-16, E#-16, D#-16, C#-16, B#-17, A#-17, G#-17, F#-17, E#-17, D#-17, C#-17, B#-18, A#-18, G#-18, F#-18, E#-18, D#-18, C#-18, B#-19, A#-19, G#-19, F#-19, E#-19, D#-19, C#-19, B#-20, A#-20, G#-20, F#-20, E#-20, D#-20, C#-20, B#-21, A#-21, G#-21, F#-21, E#-21, D#-21, C#-21, B#-22, A#-22, G#-22, F#-22, E#-22, D#-22, C#-22, B#-23, A#-23, G#-23, F#-23, E#-23, D#-23, C#-23, B#-24, A#-24, G#-24, F#-24, E#-24, D#-24, C#-24, B#-25, A#-25, G#-25, F#-25, E#-25, D#-25, C#-25, B#-26, A#-26, G#-26, F#-26, E#-26, D#-26, C#-26, B#-27, A#-27, G#-27, F#-27, E#-27, D#-27, C#-27, B#-28, A#-28, G#-28, F#-28, E#-28, D#-28, C#-28, B#-29, A#-29, G#-29, F#-29, E#-29, D#-29, C#-29, B#-30, A#-30, G#-30, F#-30, E#-30, D#-30, C#-30, B#-31, A#-31, G#-31, F#-31, E#-31, D#-31, C#-31, B#-32, A#-32, G#-32, F#-32, E#-32, D#-32, C#-32, B#-33, A#-33, G#-33, F#-33, E#-33, D#-33, C#-33, B#-34, A#-34, G#-34, F#-34, E#-34, D#-34, C#-34, B#-35, A#-35, G#-35, F#-35, E#-35, D#-35, C#-35, B#-36, A#-36, G#-36, F#-36, E#-36, D#-36, C#-36, B#-37, A#-37, G#-37, F#-37, E#-37, D#-37, C#-37, B#-38, A#-38, G#-38, F#-38, E#-38, D#-38, C#-38, B#-39, A#-39, G#-39, F#-39, E#-39, D#-39, C#-39, B#-40, A#-40, G#-40, F#-40, E#-40, D#-40, C#-40, B#-41, A#-41, G#-41, F#-41, E#-41, D#-41, C#-41, B#-42, A#-42, G#-42, F#-42, E#-42, D#-42, C#-42, B#-43, A#-43, G#-43, F#-43, E#-43, D#-43, C#-43, B#-44, A#-44, G#-44, F#-44, E#-44, D#-44, C#-44, B#-45, A#-45, G#-45, F#-45, E#-45, D#-45, C#-45, B#-46, A#-46, G#-46, F#-46, E#-46, D#-46, C#-46, B#-47, A#-47, G#-47, F#-47, E#-47, D#-47, C#-47, B#-48, A#-48, G#-48, F#-48, E#-48, D#-48, C#-48, B#-49, A#-49, G#-49, F#-49, E#-49, D#-49, C#-49, B#-50, A#-50, G#-50, F#-50, E#-50, D#-50, C#-50, B#-51, A#-51, G#-51, F#-51, E#-51, D#-51, C#-51, B#-52, A#-52, G#-52, F#-52, E#-52, D#-52, C#-52, B#-53, A#-53, G#-53, F#-53, E#-53, D#-53, C#-53, B#-54, A#-54, G#-54, F#-54, E#-54, D#-54, C#-54, B#-55, A#-55, G#-55, F#-55, E#-55, D#-55, C#-55, B#-56, A#-56, G#-56, F#-56, E#-56, D#-56, C#-56, B#-57, A#-57, G#-57, F#-57, E#-57, D#-57, C#-57, B#-58, A#-58, G#-58, F#-58, E#-58, D#-58, C#-58, B#-59, A#-59, G#-59, F#-59, E#-59, D#-59, C#-59, B#-60, A#-60, G#-60, F#-60, E#-60, D#-60, C#-60, B#-61, A#-61, G#-61, F#-61, E#-61, D#-61, C#-61, B#-62, A#-62, G#-62, F#-62, E#-62, D#-62, C#-62, B#-63, A#-63, G#-63, F#-63, E#-63, D#-63, C#-63, B#-64, A#-64, G#-64, F#-64, E#-64, D#-64, C#-64, B#-65, A#-65, G#-65, F#-65, E#-65, D#-65, C#-65, B#-66, A#-66, G#-66, F#-66, E#-66, D#-66, C#-66, B#-67, A#-67, G#-67, F#-67, E#-67, D#-67, C#-67, B#-68, A#-68, G#-68, F#-68, E#-68, D#-68, C#-68, B#-69, A#-69, G#-69, F#-69, E#-69, D#-69, C#-69, B#-70, A#-70, G#-70, F#-70, E#-70, D#-70, C#-70, B#-71, A#-71, G#-71, F#-71, E#-71, D#-71, C#-71, B#-72, A#-72, G#-72, F#-72, E#-72, D#-72, C#-72, B#-73, A#-73, G#-73, F#-73, E#-73, D#-73, C#-73, B#-74, A#-74, G#-74, F#-74, E#-74, D#-74, C#-74, B#-75, A#-75, G#-75, F#-75, E#-75, D#-75, C#-75, B#-76, A#-76, G#-76, F#-76, E#-76, D#-76, C#-76, B#-77, A#-77, G#-77, F#-77, E#-77, D#-77, C#-77, B#-78, A#-78, G#-78, F#-78, E#-78, D#-78, C#-78, B#-79, A#-79, G#-79, F#-79, E#-79, D#-79, C#-79, B#-80, A#-80, G#-80, F#-80, E#-80, D#-80, C#-80, B#-81, A#-81, G#-81, F#-81, E#-81, D#-81, C#-81, B#-82, A#-82, G#-82, F#-82, E#-82, D#-82, C#-82, B#-83, A#-83, G#-83, F#-83, E#-83, D#-83, C#-83, B#-84, A#-84, G#-84, F#-84, E#-84, D#-84, C#-84, B#-85, A#-85, G#-85, F#-85, E#-85, D#-85, C#-85, B#-86, A#-86, G#-86, F#-86, E#-86, D#-86, C#-86, B#-87, A#-87, G#-87, F#-87, E#-87, D#-87, C#-87, B#-88, A#-88, G#-88, F#-88, E#-88, D#-88, C#-88, B#-89, A#-89, G#-89, F#-89, E#-89, D#-89, C#-89, B#-90, A#-90, G#-90, F#-90, E#-90, D#-90, C#-90, B#-91, A#-91, G#-91, F#-91, E#-91, D#-91, C#-91, B#-92, A#-92, G#-92, F#-92, E#-92, D#-92, C#-92, B#-93, A#-93, G#-

thunderstorm

Perc. 

Vib. 

Pno. 
Put finger on a predetermined string and mute string's resonance with hand, remove pedal
ff

Pno. 
Hold down pedal and knock the piano's soundboard with knuckles
p *sfz* *mf*

18

Perc.

3

Vib.

18

mf

Pno.

18

Pno.

23

Perc.

Vib.

23

Pno.

23

Pno.

Detailed description of the musical score: The score is for a piece titled 'thunderstorm' on page 5. It covers measures 18 through 27. The instrumentation includes Percussion (Perc.), Vibraphone (Vib.), and Piano (Pno.). Measures 18-22 are the first system, and measures 23-27 are the second system. In measure 18, the Percussion part has a triplet of eighth notes. The Vibraphone part has a melodic line starting on a high note and moving down. The Piano part has a complex rhythmic pattern in the right hand and sustained chords in the left hand. In measure 23, the Percussion part has a melodic line. The Vibraphone part has a sustained chord. The Piano part has a complex rhythmic pattern in the right hand and sustained chords in the left hand. The Piano part in measure 23 has a complex rhythmic pattern in the right hand and sustained chords in the left hand. The Piano part in measure 23 has a complex rhythmic pattern in the right hand and sustained chords in the left hand.

Perc. 29

Vib. 29

Pno. 29

Pno. 29

Perc. 33

Vib. 33

Pno. 33

Pno. 33

The musical score is divided into two systems. The first system (measures 29-32) features a Percussion part with a mix of eighth and sixteenth notes, a Vibraphone part with a melodic line, and a Piano part with a rhythmic accompaniment. The Piano part includes dynamic markings *sfz* and *mp*. The second system (measures 33-36) continues the musical themes, with the Percussion part adding more complex rhythms and the Piano part featuring a more active bass line. The Vibraphone part continues its melodic development.

thunderstorm

7

37

Perc.

Vib.

To Wood Blocks *pp*

Pno.

No longer inside the piano *pp*

Pno.

No longer inside the piano *pp*

41 Increasingly panicked and slowly increasing in volume (♩ = 56+)

Perc.

W. Bl.

Pno.

n.p.

Pno.

n.p.

Perc. *accel. poco a poco*
p

W. Bl.

Pno. *p*
Over time play hands increasingly offset, but only by a small amount

Pno. *p*
Over time play hands increasingly offset, but only by a small amount

Perc.

W. Bl.

Pno.

Pno.

thunderstorm

9

49

Perc.

W. Bl.

Pno.

Pno.

51

Perc.

W. Bl.

Pno.

Pno.

This musical score is for a piece titled "thunderstorm". It is arranged for Percussion (Perc.), Woodwind Bassoon (W. Bl.), and Piano (Pno.). The score is divided into two systems, each starting at measure 49 and 51 respectively. The time signature changes from 4/4 to 2/4 at measure 50 in the first system and measure 52 in the second system. The music features a variety of rhythmic patterns, including triplets and sixteenth notes. The dynamics are marked as *mp* (mezzo-piano). The Percussion part includes a variety of rhythmic patterns, including a triplet of eighth notes. The Woodwind part features a variety of rhythmic patterns, including a triplet of eighth notes. The Piano part is divided into two staves, with the right hand playing a variety of rhythmic patterns, including a triplet of eighth notes, and the left hand playing a variety of rhythmic patterns, including a triplet of eighth notes. The score is written in a standard musical notation style, with a key signature of one flat (B-flat).

Perc. 53

W. Bl. 53

Pno. 53 8

Pno. 53

Perc. 55

W. Bl. 55

Pno. 55 8

Pno. 55

This musical score is for a piece titled "thunderstorm". It is arranged for Percussion (Perc.), Wood Bass (W. Bl.), and Piano (Pno.). The score is divided into two systems, each containing four staves. The first system (measures 53-54) is in 3/4 time. The second system (measures 55-56) changes to 4/4 time. The Percussion part uses a snare drum and features triplet patterns. The Wood Bass part uses a tuba and features a melodic line with triplets. The Piano part is written for a grand piano (88 keys) and features a complex accompaniment with many triplets and a dynamic marking of *mf* (mezzo-forte). The score includes various musical notations such as notes, rests, and articulation marks.

thunderstorm

11

[illegible]

thunderstorm

Perc. 12 61

W. Bl. 61

Pno. 61 8

Pno. 61 8

Perc. 62

W. Bl. 62

Pno. 62 8

Pno. 62 8

ffz *ffz* *ffz* *ffz* *ffz*

Prepare to play inside the piano *ff*

ffz *ffz* *ffz* *ffz*

64

Perc. *ff*

64 Walk to Piano 2 and slam hands violently on strings

W. Bl.

64 Slam hands violently with pedal held down

Pno. *ff*

64 hold pedal down with cluster chords

Pno. *ff*

69

Perc. *as loud as possible*

69 *as loud as possible*

W. Bl. *as loud as possible*

69 *as loud as possible*

Pno. *as loud as possible*

69 *as loud as possible*

Pno. *as loud as possible*

The musical score is written for three parts: Percussion (Perc.), Woodwind Bass (W. Bl.), and Piano (Pno.). The Percussion part starts at measure 64 with a series of eighth notes and rests, marked *ff*. The W. Bl. part also starts at measure 64 with a triplet of eighth notes, followed by a series of eighth notes and rests. The Pno. part has two staves. The upper staff starts at measure 64 with a series of eighth notes and rests, marked *ff*. The lower staff starts at measure 64 with a series of eighth notes and rests, marked *ff*. The score includes performance instructions such as 'Walk to Piano 2 and slam hands violently on strings' and 'Slam hands violently with pedal held down'. It also features a 3-measure rest and a 3-measure triplet.

14
74

Sudden and complete silence

thunderstorm

Perc.

W. Bl.

Pno.

Pno.

75

Out of time

Perc.

W. Bl.

To Vibraphone

ff

ff

Play alternating cluster chords and slow down the rate over time

Pno.

fff

75

Play random notes within this range and slow down over time

Pno.

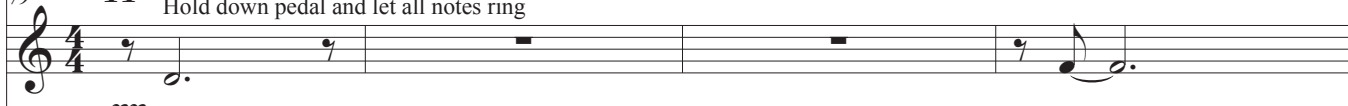
fff

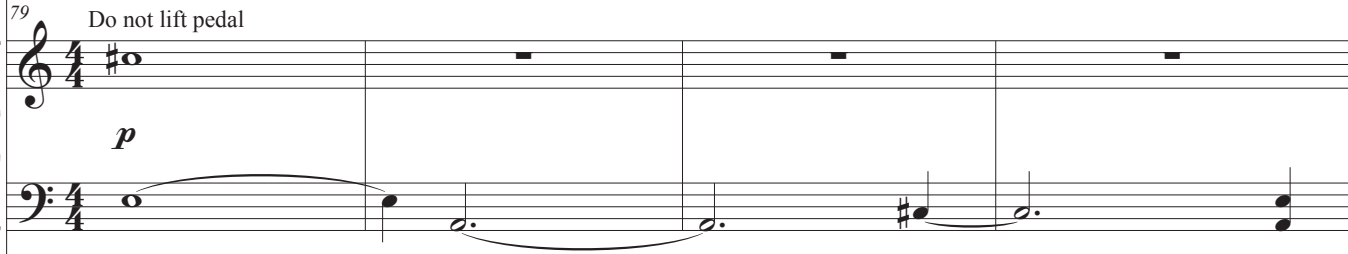
Calm and Resonant (♩ = 48)

thunderstorm

15

79 Perc. 

79 Vib. *pp* Hold down pedal and let all notes ring 

79 Pno. *pp* Do not lift pedal 

79 Pno. *p* Do not lift pedal 

83 Perc. 

83 Vib. *p* 

83 Pno. *mf* 

83 Pno. *f* 

use wire

p 

16
87

thunderstorm

Perc.

Vib.

Pno.

Pno.

Perc.

Vib.

Pno.

Pno.

The musical score is divided into two systems. The first system (measures 87-91) features a Percussion part with a half note and a quarter note, a Vibraphone part with a melodic line in treble clef and a sustained chord in bass clef, and a Piano part with a sustained chord in bass clef. The second system (measures 92-96) features a Percussion part with a half note and a quarter note, a Vibraphone part with a melodic line in treble clef and a sustained chord in bass clef, and a Piano part with a sustained chord in bass clef. Dynamics include *mp*, *f*, and *pp*.

96 **Extremely Delicate**

Perc.

Vib.

Pno.

Pno.

99

Perc.

Vib.

Pno.

Pno.

p