

Jacobs Field Sound Readings

Event Details: AU Womens Lacrosse vs Loyola MD
Date 4/13/2022
Time 4pm
Location Jacobs Field
Operator Name Robert McFarland

Test Details:
Wind Speed 31kph
Wind Direction
Instrument Mengshen Decibel Meter, Model HT-80A)

Meter Damping

Measurements:

Isolated PA/Microphone pregame test

Music Level for anthem

In Game Avg (5min estimated du 58Db

Measurement Notes:

Measurement represents the highest decibel level recorded at the fence line during opening pa announcements and the national anthem.

Ambient Noise included Team Bench noise and spectators cheering at a moderate volume

Jacobs Field Sound Readings

Event Details:

Date 4/16/2022
Time 1pm
Location Jacobs Field
Operator Name Robert McFarland

Test Details:

Wind Speed 29kph
Wind Direction
Instrument Mengshen Decibel Meter, Model HT-80A)

Meter Damping

Measurements:

Isolated PA/Microphone pregame test

Music Level for anthem

In Game Avg (5min estimated duration) 55Db

Measurement Notes:

Measurement represents the highest decibel level recorded at the fence line during opening pa announcements and the national anthem.

Ambient Noise included Team Bench noise and spectators cheering at a moderate volume

Jacobs Field Sound Readings

Event Details:

Date	AU Womens Lacrosse vs Colgate
Time	4/23/2022
Location	12pm
Operator Name	Jacobs Field
	Robert McFarland

Test Details:

Wind Speed	17kph
Wind Direction	
Instrument	Mengshen Decibel Meter, Model HT-80A)

Meter Damping

Measurements:

Isolated PA/Microphone pregame test

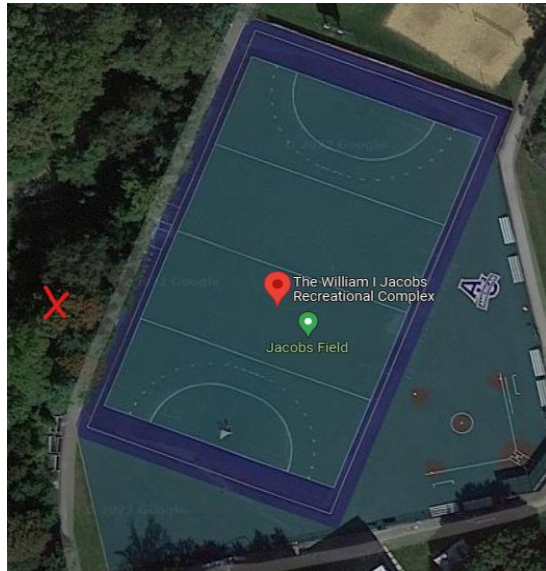
Music Level for anthem

In Game Avg (5min estimated duration) 56Db

Measurement Notes:

Measurement represents the highest decibel level recorded at the fence line during opening pa announcements and the national anthem.

Ambient Noise included Team Bench noise and spectators cheering at a moderate volume



Jacobs Field Sound Readings

Event Details:

AU Field Hockey vs Delaware
Date 9/2/2022
Time 12pm
Location Jacobs Field
Operator Name Robert McFarland

Test Details:

Wind Speed 20kph
Wind Direction
Instrument Mengshen Decibel Meter, Model HT-80A
Meter Damping

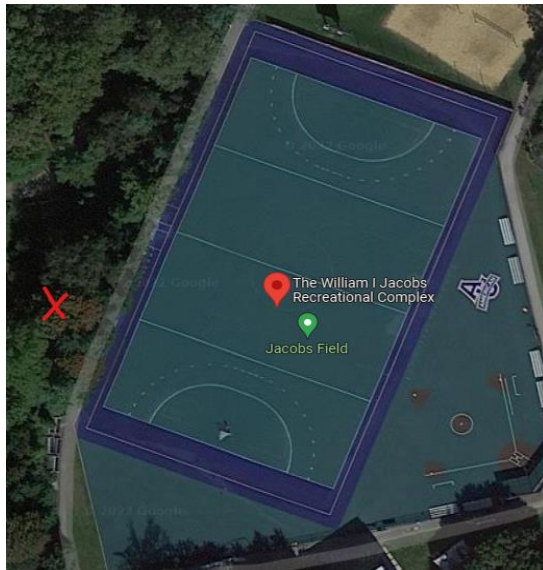
Measurements:

Isolated PA/Microphone pregame test	55Db
Music Level for anthem	53Db
In Game Avg (5min estimated duration)	68Db

Measurement Notes:

Measurements are maximum decibel levels recorded using decibel reader along the fenceline approximately 30 yards from midfield (indicated by a red X on map below).

Readings are Maximum readings. Game reading as taken in the 1st quarter for an estimated duration of 5 mins. During the in game reading there was no amplified sound being played.



Jacobs Field Sound Readings

Event Details:

Date	AU Field Hockey vs Old Dominion
Time	9/4/2022
Location	12pm
Operator Name	Jacobs Field
	Robert McFarland

Test Details:

Wind Speed	20kph
Wind Direction	
Instrument	Mengshen Decibel Meter, Model HT-80A
Meter Damping	

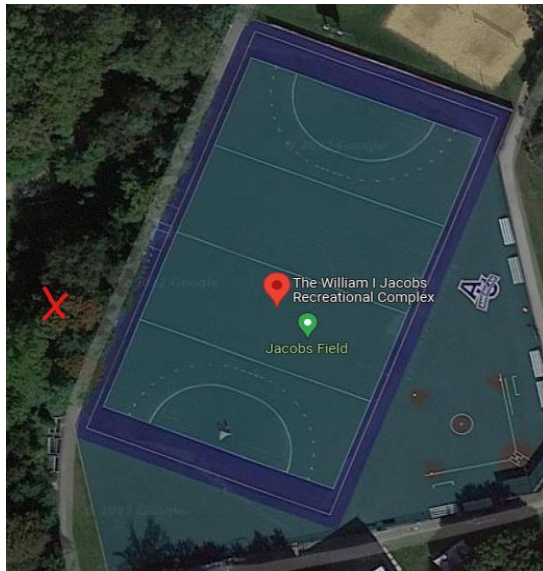
Measurements:

Isolated PA/Microphone pregame test	53Db
Music Level for anthem	54Db
In Game (5min estimated duration)	72Db

Measurement Notes:

Measurements are maximum decibel levels recorded using decibel reader along the fenceline approximately 30 yards from midfield (indicated by a red X on map below).

Readings are Maximum readings. Game reading as taken in the 2 quarter for an estimated duration of 5 mins. Team bench cheering seemed to be the cause of the higher in game reading.



Jacobs Field Sound Readings

Event Details:

Date 9/24/2022
 Time 11am
 Location Jacob's Field
 Operator Name Jason Grimes

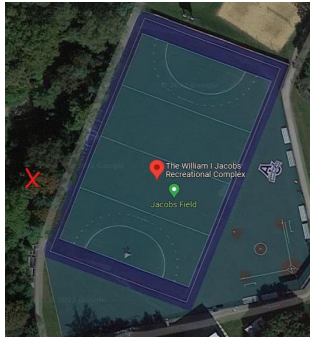
AU Field Hockey v Colgate

Test Details:

Wind Speed 0.7-1.2 kph
 Wind Direction Northeast
 Instrument VLIKE VL6708 Digital Sound Meter Model# H12B-H09747
 Meter Damping Slow
 Frequency Weighing A

Measurements:

	Time and Location	Duration	Instrument Height Level	Peak (Db)	Average (Db)	Ambient Noise
1. Pregame: National Anthem	11:04am - Fenceline (25 yards south of	60 Seconds	5 Feet	59.2	57.4	Plane Overhead
2. Pregame : PA read	11:07am - Fenceline (25 yards south of	30 Seconds	5 Feet	60.1	59.8	
3. 1st half PA Read	11:10am - Fenceline (25 yards south of	90 Seconds	5 Feet	61	57.4	
4. Halftime:	11:45am - Fenceline (25 yards south of	10 Minutes	5 Feet	59.2	55.9	
5. 2nd Half PA Read		None				
6. Random time during game 1st half (No Amplified Sound)	11:20am - Fenceline (25 yards south of	2 Minutes	5 Feet	77	59.6	A goal was scored in this reading, crowd and team cheering caused the spike. There was a lawnmower in a neighbors yard as well as a plane which impacted the measurement.
7. Random Time during game 2nd half (No Amplified Sound)	12:05pm - SW corner of the playing su	6 Minutes	5 Feet	79.5	61.2	Reading was taken on the goalline of the field, opposite to the scoreboard. A goal was scored, spike is due to reading being taken closer to the team bench. No amplified sound playing



Jacobs Field Sound Readings

Event Details:

Date AU Field Hockey v Queens University
 9/25/2022
 Time 1pm
 Location Jacob's Field
 Operator Name Jason Grimes

Test Details:

Wind Speed 0.8-3.2 mph
 Wind Direction Northeast
 Instrument VLIKE VL6708 Digital Sound Meter Model# H12B-H09747
 Meter Damping Slow
 Frequency Weighing A

1:32 PM

Measurements:

	Time and Location	Duration	Instrument Height Level	Peak (Db)	Average (Db)	Ambient Noise
1. Pregame: National Anthem	1:04pm - Fenceline (midfield line)	60 Seconds	6 Feet	61.5	59.1	Dogs barking and noise from Reeves Soccer Game
2. Pregame : PA read						
3. 1st half PA Read	1:00pm - Fenceline (midfield line)	90 Seconds	6 Feet	61.8	59.4	
4. Halftime:	1:45pm - Fenceline (25 yards south of midfield line)	60 seconds	6 Feet	57.2	55.8	Plane overhead
5. 2nd Half PA Read	None					
6. Random time during game 1 st half (No Amplified Sound)	1:24pm - Fenceline (25 yards south of midfield line)	2 Minutes	6 Feet	72.1	63.4	No amplified sound during goal scored. Teams cheering
7. Random Time during game 2nd half (No Amplified Sound)	2:05pm - Fenceline (SW corner of the playing surface, on the blue turf.)	2 Minutes	6 Feet	65.1	62.8	Plane overhead

Jacobs Field Sound Readings

Event Details:

Date AU Field Hockey v Boston University
 10/1/2022
 Time 11am
 Location Jacob's Field
 Operator Name Brian Chepulis

Test Details:

Wind Speed 4-7.7mph
 Wind Direction Northeast
 Instrument VLIKE VL6708 Digital Sound Meter Model# H12B-H09747
 Meter Damping Slow
 Frequency Weighing A

10:55 AM

Measurements:

1. Pregame: National Anthem
2. Pregame : PA read
3. 1st half PA Read
4. Halftime:
5. 2nd Half PA Read
6. Random time during game 1 st half (No Amplified Sound)
7. Random Time during game 2nd half (No Amplified Sound)

Time and Location	Duration	Instrument Height Level	Peak (Db)	Average (Db)	Ambient Noise
11:02am - Fenceline (25 yards south of midfield line)	60 Seconds	5 Feet	40	34.3	No noise just wind and rain
11:17am - Fenceline (midfield line)	60 Seconds	5 Feet	47	45	
11:50am - Fenceline (midfield line)	60 seconds	5 Feet	51	48	Plane overhead
No readings due to pouring rain					
No readings due to pouring rain					

Jacobs Field Sound Readings

Event Details:

Date 10/2/2022
 Time 2pm
 Location Jacob's Field
 Operator Name Jason Grimes

Test Details:

Wind Speed 3.4-7.2 mph
 Wind Direction Northeast
 Instrument VLIKE VL6708 Digital Sound Meter Model# H12B-H09747
 Meter Damping Slow
 Frequency Weighing A

Measurements:

	Time and Location	Duration	Instrument	Peak (Db)	Average (C Ambient Noise
1. Pregame: National Anthem	2:03pm - Fenceline (midfield line)	60 Seconds	6 Feet	59.2	49.1 Wind and Rain
2. Pregame : PA read	2:04 - Fenceline (25 yards south of Midfield line)	120 Seconds	6 Feet	66.4	53.4 Bench Cheers, Rain
3. 1st half PA Read	2:19pm - Fenceline (midfield line)	90 Seconds	6 Feet	64.3	59.4
4. Halftime:	2:45pm - Fenceline (25 yards south of midfield line)	60 seconds	6 Feet	57.9	48
5. 2nd Half PA Read	No Readings Due to Storm				
6. Random time during game 1 st half (No Amplified Sound)	No Readings Due to Storm				
7. Random Time during game 2nd half (No Amplified Sound)	No readings Due to Storm				

Jacobs Field Sound Readings

Event Details:

Date 10/14/2022
 Time 3pm
 Location Jacob's Field
 Operator Name Brian Chepulis

Test Details:

Wind Speed 2.4-5.1 mph
 Wind Direction Northeast
 Instrument VLIKE VL6708 Digital Sound Meter Model# H12B-H09747
 Meter Damping Slow
 Frequency Weighing A

Measurements:

	Time and Location	Duration	Instrument Height Level	Peak (Db)	Average (Db)	Ambient Noise
1. Pregame: National Anthem	3:02pm - Fenceline (midfield line)	60 Seconds	4 Feet	67	63	
2. Pregame : Starting Lineup	3:00pm - Fenceline (midfield line)	60 Seconds	4 Feet	70.3	63	Fans Cheering and Clapping
3. 1st half PA Read						
4. Halftime:						
5. 2nd Half PA Read	None					
6. Random time during game 1 st half (No Amplified Sound)	3:21pm Midfield Fence Line	1 minute	5 feet	81.3	72.2	goal scored fans and teams cheering and clapping
7. Random Time during game 2nd half (No Amplified Sound)	4:08pm Blue turf next to team bench	1 minute	5 feet	79	69.7	goal scored fans and teams cheering and clapping

Jacobs Field Sound Readings

Event Details:

Date AU Field Hockey v William and Mary
 10/29/2022
 Time 3pm
 Location Jacob's Field
 Operator Name Robert McFarland

Test Details:

Wind Speed 2:58pm
 4.7-6.1 mph
 Wind Direction Northeast
 Instrument VLIKE VL6708 Digital Sound Meter Model# H12B-H09747
 Meter Damping Slow
 Frequency Weighing A

Measurements:

	Time and Location	Duration	Instrument Height Level	Peak (Db)	Average (Db)	Ambient Noise
1. Pregame: National Anthem	3:02pm - Fenceline (midfield line)	60 Seconds	4 Feet	58.2	48.7	
2. Pregame : Starting Lineup	2:59pm - Fenceline directly benind tear	60 Seconds	4 Feet	75.4	65.1	Team bench cheering, close proximity
3. 1st half PA Read	3:23pm - Fenceline (midfield line)	2 minutes	4 Feet	53.2	50.3	No amplified sound
4. Halftime:	3:38pm - Fenceline (midfield line)	3 minutes	4 Feet	59.2	54.8	
5. 2nd Half PA Read	None					
6. Random time during game 1 st half (No Amplified Sound)	3:21pm Midfield Fence Line	1 minute	5 feet	63.1	54.5	
7. Random Time during game 2nd half (No Amplified Sound)	4:08pm 25 yards Sw of Midfield	1 minute	5 feet	68	59.7	clapping and sticks colliding

Jacobs Field Sound Readings

Event Details:

Date Boston University v Bucknell and AU Field Hockey v Lehigh
 11/3/2022
 Time 11am
 Location Jacob's Field
 Operator Name Jason Grimes

Test Details:

Wind Speed 10:58am
 Wind Direction 0-1.1 mph
 Instrument Northeast
 Meter Damping VLIKE VL6708 Digital Sound Meter Model# H12B-H09747
 Frequency Weighing Slow
 A

Measurements: Game 1

	Time and Location	Duration	Instrument Height Level	Peak (Db)	Average (Db)	Ambient Noise
1. Pregame: National Anthem	11:04am - Fenceline (midfield line)	60 Seconds	5 Feet	59.2	52.3	
2. Pregame : Starting Lineup	11:07am - Fenceline (25 yards south of midfield line)	60 Seconds	5 Feet	60.1	59.8	
3. 1st half PA Read	11:10am - Fenceline (25 yards south of midfield line)	90 Seconds	5 Feet	76	61.7	Ref whistle and cheering
4. Halftime:	11:33am - Fenceline (25 yards south of midfield line)	2 Minutes	5 Feet	61	57.4	
5. 2nd Half PA Read	None					

Measurements: Game 2

	Time and Location	Duration	Instrument Height Level	Peak (Db)	Average (Db)	Ambient Noise
1. Pregame: National Anthem	2:03pm - Fenceline (50 yds south of midfield line)	60 Seconds	6 Feet	57.2	52.1	
2. Pregame : Starting Lineup	2:04 - Fenceline (25 yards south of Midfield line)	60 Seconds	6 Feet	61.7	57.4	Cheers for starting lineups
3. 1st half PA Read	2:19pm - Fenceline (midfield line)	90 Seconds	6 Feet	64.3	59.4	Coaches communicating to players
4. Halftime:	2:45pm - Fenceline (25 yards south of midfield line)	5 minutes	6 Feet	57.9	54	
5. 2nd Half PA Read	3:14pm	60 Seconds	6 Feet	67	62.1	Cheering after goal

Jacobs Field Sound Readings

Event Details:

Date Boston University v Lehigh
 11/5/2022
 Time 11am
 Location Jacob's Field
 Operator Name Robert McFarland

Test Details:

Wind Speed 8-10.3 mph
 Wind Direction South
 Instrument VLIKE VL6708 Digital Sound Meter Model# H12B-H09747
 Meter Damping Slow
 Frequency Weighing A

Measurements:

1. Pregame: National Anthem
2. Pregame : Starting Lineup
3. 1st half PA Read
4. Halftime:
5. 2nd Half PA Read
6. Random time during game 1 st half (No Amplified Sound)

Time and Location

- 11:02am - Fenceline (SW corner of field)
 11:07am - Fenceline (midfield line)
 11:29am - Fenceline (midfield line)
 11:41am - Fenceline (midfield line)
 none
 11:20am - Fenceline (Midfield line)

Duration

- 60 Seconds
 90 Seconds
 60 Seconds
 2mins
 5 minutes

Instrument Height Level

- 4 Feet
 4 Feet
 4 Feet
 4 Feet
 4 Feet

Peak (Db)

- 57.6
 65.2
 59.5
 58.3
 67.8

Average (Db)

- 63
 61.3
 51.4
 52
 58.2

Ambient Noise

- 61.3 Wind and leaves falling
 52
 58.2 Wind, leaves falling, team cheering