

Aus prep

Group member NAMES: Stephanie, Sarah, Maria

# WEATHER DATA ON July 16

Weather Factor	Observation or Measurement
Temperature	89°
Wind Speed	4 mph
Wind Direction	North
Atmospheric Pressure	29.92
Relative Humidity (%)	59%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	clear/yellow
Odor?	none
Foam?	none

# WATER QUALITY

Location	Prediction	Town Creek
Test/Sample		
Temperature	70°	77°
Conductivity	200	402
Nitrates	12	3
pH	7.3	8
Phosphates	0.5	4
Dissolved Oxygen	5.5	2

Group member NAMES: Pranav, Mahirish, Josh

AUSprep

7/10/19

## WEATHER DATA ON Johnson City

Weather Factor	Observation or Measurement
Temperature	89°F
Wind Speed	4 mph N
Wind Direction	North
Atmospheric Pressure	29.99 in.
Relative Humidity (%)	59%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	<del>None</del> yellow
Odor?	No odor
Foam?	None

## WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	68°	76°
Conductivity	681	406
Nitrates	6	3.41
pH	7.00	8.2
Phosphates	.52	3.65
Dissolved Oxygen	4.75 ppm	3

Aus prep

Group member NAMES: Christian, Saden, Karsten

# WEATHER DATA ON 7/10/19

Weather Factor	Observation or Measurement
Temperature	89°F
Wind Speed	4mph
Wind Direction	North
Atmospheric Pressure	29.92
Relative Humidity (%)	59%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	Clear
Odor?	There is no odor
Foam?	No foam

# WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	79°	76°
Conductivity	1002	449
Nitrates	41°	3
pH	6.25	8
Phosphates	1.9	4
Dissolved Oxygen	5.5	1

Group member NAMES: *harvey, Jai, Zeus*

**WEATHER DATA ON** 7/10/19

Weather Factor	Observation or Measurement
Temperature	89°F
Wind Speed	4
Wind Direction	North
Atmospheric Pressure	29.92 in
Relative Humidity (%)	59%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	clearish/greenish
Odor?	None
Foam?	None

**WATER QUALITY**

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	69°F	72°
Conductivity	750	422
Nitrates	3.1	3
pH	8½	8.3
Phosphates	3.75	3.85
Dissolved Oxygen	4.4	2

**Group member NAMES:** NENA, PALOMA, MAMA

AUSPREP

7/22

**WEATHER DATA ON** 5/11/18 10, 2019

Weather Factor	Observation or Measurement
Temperature	89°
Wind Speed	4 mph
Wind Direction	NORTH
Atmospheric Pressure	29.92
Relative Humidity (%)	59 %
Precipitation (%)	0
Cloud Cover	SUNNY
<b>Water Sample</b>	<b>Observation</b>
Color?	CLEAR, WHITE
Odor?	NATURAL
Foam?	NO

**WATER QUALITY**

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	75°	78°
Conductivity	850	375
Nitrates	10	3
pH	7.5	8
Phosphates	15	3
Dissolved Oxygen	4.5	2

18 - DD 19 - PM

Group member NAMES: Mark, Alonso

Aus Prep

**WEATHER DATA ON** July 15, 2019

Weather Factor	Observation or Measurement
Temperature	89°F
Wind Speed	4 mph
Wind Direction	North
Atmospheric Pressure	29.92 in
Relative Humidity (%)	59%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	clear
Odor?	no odor
Foam?	little out of the top

**WATER QUALITY**

Location	Prediction	Science Mill
Test/Sample		Town Creek
Temperature	66°F	73°F
Conductivity	1205	400
Nitrates	28	3.8
pH	9.2	8.7
Phosphates	3.8	3.8
Dissolved Oxygen	7.3	1.65

Group member NAMES: Cedric, Madelyn, Isaac

**WEATHER DATA ON \_\_\_\_\_**

Weather Factor	Observation or Measurement
Temperature	89°
Wind Speed	4
Wind Direction	North
Atmospheric Pressure	29.92
Relative Humidity (%)	59%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	Platy color
Odor?	Outside Fish
Foam?	No Foam

**WATER QUALITY**

Location	Science Mill
Test/Sample	Prediction
Temperature	75°
Conductivity	556
Nitrates	25.5
pH	7.5
Phosphates	2
Dissolved Oxygen	4
	Town Creek
	75°
	383
	3
	8
	4
	2