

### Houston Heights 2009

Date	Site 1	Site 2	Site 3	Site 4	Site 5	Geo Mean	Water Temp	Water Clarity	Wave Height	Wind	Sunlight	Air Temp	Rainfall 24Hrs	Rainfall 48Hrs	Rain Level	Bird Count	Notes
2-Jun-09	30	10	30	10	10	16	12	Turbid	Rough	NE	Overcast	11	Yes	Yes	L	0	
4-Jun-09	10	10	10	10	10	10	11	Turbid	Ripples	NW	Clear	12	No	No	L	3	Birds are gulls
9-Jun-09	10	20	10	30	10	14	11	Slightly Turbid	Rough	SW	Partly Cloudy	10	Yes	No	H	0	
11-Jun-09	10	10	10	10	10	10	11	Clear	Calm	E	Partly Cloudy	15	No	No	L	50	Birds are gulls
16-Jun-09	10	10	10	10	10	10	13	Clear	Calm	E	Clear	20	No	No	M	0	
18-Jun-09	<b>1420</b>	<b>1060</b>	<b>960</b>	<b>540</b>	<b>560</b>	<b>847</b>	9	Turbid	Rough	N	Partly Cloudy	16	Yes	No	M	0	
23-Jun-09	10	10	10	10	10	10	16	Clear	Calm	W	Clear	21	No	No	L	4	Birds are gulls
25-Jun-09	<b>980</b>	<b>1700</b>	<b>3300</b>	<b>5000</b>	<b>2200</b>	<b>2272</b>	17	Turbid	Ripples	NW	Overcast	22	Yes	No	M	0	
30-Jun-09	20	90	20	30	60	37	15	Turbid	Rough	NW	Partly Cloudy	16	Yes	Yes	H	0	
2-Jul-09	10	30	30	80	20	27	15	Turbid	Calm	W	Overcast	16	Yes	Yes	L	0	
7-Jul-09	<b>170</b>	<b>120</b>	80	<b>180</b>	<b>120</b>	<b>129</b>	19	Opaque	>1m	NE	Partly Cloudy	13	No	No	L	0	
9-Jul-09	10	10	10	10	20	11	19	Slightly Turbid	Ripples	SE	Clear	20	No	No	L	0	
14-Jul-09	30	40	10	50	10	23	19	Turbid	Rough	NW	Clear	17	No	No	L	0	
16-Jul-09	10	20	10	30	60	20	15	Turbid	Rough	W	Clear	19	No	No	L	0	
21-Jul-09	10	10	10	10	10	10	16	Clear	Ripples	E	Partly Cloudy	20	No	No	L	0	
23-Jul-09	10	10	10	10	20	11	20	Clear	Calm	E	Partly Cloudy	19	No	No	L	0	
28-Jul-09	<b>270</b>	<b>150</b>	<b>170</b>	<b>220</b>	<b>220</b>	<b>202</b>	22	Turbid	>1m	SW	Overcast	22	Yes	No	H	0	1 dead fish found
30-Jul-09	30	60	90	50	50	53	22	Slightly Turbid	Rough	SE	Overcast	20	No	No	L	0	
4-Aug-09	40	<b>120</b>	40	50	10	39	22	Turbid	Rough	SW	Overcast	22	No	No	L	73	Birds are gulls
6-Aug-09	10	10	10	30	30	16	22	Slightly Turbid	Ripples	NW	Overcast	17	No	No	L	0	
11-Aug-09	20	10	10	10	30	14	22	Clear	Calm	N	Partly Cloudy	20	Yes	No	L	0	
13-Aug-09	40	20	10	40	20	23	22	Slightly Turbid	Calm	NW	Clear	23	No	No	L	0	
18-Aug-09	<b>120</b>	90	90	80	90	93	25	Turbid	>1m	W	Overcast	22	Yes	No	L	0	
20-Aug-09	20	10	50	30	20	23	24	Turbid	>1m	S	Overcast	24	No	No	L	0	
25-Aug-09	<b>110</b>	<b>140</b>	80	20	50	66	20	Turbid	>1m	SW	Clear	18	No	No	L	0	
27-Aug-09	10	20	30	20	20	19	19	Slightly Turbid	Calm	E	Overcast	18	No	No	L	0	

Total 32

### Legend

#### Rainfall values Determined by Environment Canada

- Heavy H > 0.75 cm per hour
- Moderate M 0.26 - 0.75 cm per hour
- Light L 0.0 - 0.25 cm per hour

#### Water Clarity

- Clear--- 100cm
- Slightly Turbid ----40-99cm
- Turbid----1-39cm
- Opaque 0cm

#### Wave Height

- Calm 0-5cm
- Ripples 5-29cm
- Rough 30cm-99cm
- >1m--->1m

No Data Obtained

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