

**CITY OF LANCASTER, OHIO
UPPER HOCKING RIVER
WATER QUALITY MONITORING AND QUAL2K MODELING**

**Appendix G
Weather Data**

1. Table G.1 – Weather Data

**Table G.1
Weather Data**

Sample Time	8/22/2005				9/6/2005				9/12/2005			
	Wind (m/s)	Temperature (°C)	Dew Point (°C)	Cloud Cover (%)	Wind (m/s)	Temperature (°C)	Dew Point (°C)	Cloud Cover (%)	Wind (m/s)	Temperature (°C)	Dew Point (°C)	Cloud Cover (%)
0:00	0.00	17	14	0%	0.00	12	11	0%	0.00	14	12	0%
1:00	0.00	17	14	0%	0.00	12	11	0%	0.00	14	12	0%
2:00	0.00	16	14	0%	0.00	11	11	0%	0.00	13	11	0%
3:00	0.00	15	14	0%	0.00	11	10	0%	0.00	13	12	0%
4:00	0.00	14	13	0%	0.00	9	9	0%	0.00	13	11	0%
5:00	0.00	13	12	45%	0.00	9	9	0%	0.00	13	11	15%
6:00	0.00	13	12	75%	0.00	9	9	0%	0.00	12	10	15%
7:00	1.54	13	12	45%	0.00	9	8	0%	0.00	12	11	15%
8:00	0.00	16	14	15%	0.00	12	11	0%	0.00	13	12	0%
9:00	0.00	19	14	75%	3.60	17	14	0%	0.00	17	14	0%
10:00	2.57	22	16	0%	4.12	20	14	0%	0.00	21	16	0%
11:00	0.00	23	14	0%	4.63	23	14	0%	0.00	25	17	0%
12:00	4.12	25	14	0%	4.12	24	14	0%	0.00	27	14	0%
13:00	2.57	27	13	15%	3.60	26	14	75%	3.09	28	14	0%
14:00	4.12	26	13	15%	3.09	27	13	15%	2.57	29	14	0%
15:00	4.63	27	13	15%	3.60	27	13	15%	3.09	30	13	0%
16:00	3.60	26	13	75%	4.63	27	13	15%	3.60	30	14	0%
17:00	2.57	26	12	15%	3.60	27	13	15%	2.57	29	14	0%
18:00	4.12	26	13	45%	2.06	26	13	0%	2.57	28	15	0%
19:00	3.09	25	13	100%	2.06	24	13	0%	2.57	27	15	0%
20:00	3.09	21	13	0%	2.06	19	15	0%	1.54	23	15	0%
21:00	2.06	17	14	0%	1.54	17	14	0%	0.00	17	15	0%
22:00	2.06	16	13	0%	0.00	14	13	0%	0.00	16	14	0%
23:00	2.06	16	13	75%	2.06	13	12	0%	0.00	14	13	0%
0:00	2.57	16	13	45%	0.00	12	12	0%	0.00	15	14	0%