

Old Hickory Project Water Quality Data -> 26-27 May 2015

Station	Sample Date and Time	Sample Depth feet	Water Temperature deg C	Water Temperature deg F	Dissolved Oxygen mg/l	Dissolved Oxygen % Saturation	Specific Conductance umho/cm	pH	Chlorophyll a ug/L Field	Turbine Discharge cfs	Spillway Release cfs	Tailwater Elevation ft	Lake Elevation ft	Secchi meters
3OLD10001 Tailwater at Left Bank Boat Ramp	20150527, 1145	0	20.5	68.9	7.3	81.3	196	7.7	----	5,700	0	387.4		
3OLD10050	20150527, 1100	0	20.3	68.5	8.9	98.7	402	7.8	----					
3OLD10054	20150527, 1015	0	20.4	68.7	8.5	94.4	336	8.1	----					
3OLD10055	20150527, 0840	0	20.3	68.5	7.7	85.4	408	7.8	----					
3OLD10056	20150527, 0910	0	21.7	71.1	7.4	84.3	386	7.9	----					
3OLD10057	20150527, 0930	0	22.1	71.8	5.1	58.5	344	7.7	----					
3OLD10058	20150526, 1430	0	23.6	74.5	8.8	103.8	348	8.0	----					
3OLD10059	20150526, 1400	0	17.6	63.7	11.9	125.1	204	8.4	----					
3OLD20002	20150527, 1200	0	23.3	73.9	8.7	102.1	210	8.3	3.0				445.1	1.3
3OLD20002	20150527, 1200	5	23.0	73.4	8.7	101.5	210	8.3	5.5					
3OLD20002	20150527, 1200	10	22.7	72.9	8.3	96.3	210	8.2	6.9					
3OLD20002	20150527, 1200	15	22.3	72.1	8.0	92.1	210	8.0	6.3					
3OLD20002	20150527, 1200	20	22.2	72.0	7.9	90.8	210	8.0	6.5					
3OLD20002	20150527, 1200	25	22.2	72.0	7.8	89.7	210	8.0	6.1					
3OLD20002	20150527, 1200	30	22.0	71.6	7.7	88.2	210	7.9	6.0					
3OLD20002	20150527, 1200	35	20.2	68.4	7.0	77.5	210	7.6	3.2					
3OLD20002	20150527, 1200	40	19.7	67.5	6.9	75.6	209	7.5	2.5					
3OLD20002	20150527, 1200	45	19.6	67.3	6.8	74.4	209	7.5	2.5					
3OLD20002	20150527, 1200	50	19.1	66.4	6.7	72.6	209	7.4	2.2					
3OLD20002	20150527, 1200	55	18.5	65.3	6.5	69.6	208	7.4	1.6					
3OLD20002	20150527, 1200	60	18.3	64.9	6.2	66.1	208	7.3	1.5					
3OLD20002	20150527, 1200	65	18.3	64.9	6.1	65.0	208	7.3	1.5					

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3OLD20002	20150527, 1200	70	18.2	64.8	6.0	63.9	208	7.3	1.5					
3OLD20003	20150527, 1130	0	23.0	73.4	8.7	101.5	211	8.2	2.2				445.1	1.0
3OLD20003	20150527, 1130	5	22.0	71.6	8.4	96.2	211	8.2	6.6					
3OLD20003	20150527, 1130	10	21.3	70.3	7.4	83.7	211	7.8	4.9					
3OLD20003	20150527, 1130	15	20.8	69.4	6.9	77.3	211	7.6	3.9					
3OLD20003	20150527, 1130	20	20.5	68.9	7.0	77.9	210	7.6	3.2					
3OLD20003	20150527, 1130	25	20.2	68.4	7.0	77.5	209	7.6	3.0					
3OLD20003	20150527, 1130	30	20.0	68.0	6.8	75.0	210	7.5	2.5					
3OLD20003	20150527, 1130	35	19.5	67.1	6.8	74.3	209	7.4	2.3					
3OLD20003	20150527, 1130	40	19.1	66.4	6.4	69.3	209	7.4	2.0					
3OLD20003	20150527, 1130	45	18.7	65.7	6.4	68.8	207	7.4	2.0					
3OLD20003	20150527, 1130	50	18.2	64.8	6.3	67.0	207	7.4	1.7					
3OLD20003	20150527, 1130	55	17.9	64.2	6.0	63.5	207	7.3	1.3					
3OLD20003	20150527, 1130	60	17.8	64.0	5.7	60.2	207	7.3	1.4					
3OLD20003	20150527, 1130	65	17.8	64.0	5.5	58.1	207	7.3	1.4					
3OLD20003	20150527, 1130	70	17.7	63.9	5.3	55.8	208	7.3	1.5					
3OLD20003	20150527, 1130	73	17.7	63.9	5.1	53.7	208	7.3	1.5					
3OLD20004	20150527, 1045	0	22.6	72.7	9.5	110.0	210	8.3	8.3				445.1	0.9
3OLD20004	20150527, 1045	5	22.4	72.3	9.4	108.5	211	8.3	12.7					
3OLD20004	20150527, 1045	10	21.9	71.4	8.4	96.0	211	7.9	8.0					
3OLD20004	20150527, 1045	15	21.3	70.3	8.2	92.7	208	7.7	6.8					
3OLD20004	20150527, 1045	20	20.1	68.2	8.0	88.4	207	7.6	5.5					
3OLD20004	20150527, 1045	25	19.6	67.3	8.0	87.5	206	7.6	5.5					
3OLD20004	20150527, 1045	30	19.2	66.6	7.8	84.7	205	7.5	4.2					
3OLD20004	20150527, 1045	35	18.9	66.0	7.5	80.9	206	7.5	3.6					
3OLD20004	20150527, 1045	40	18.8	65.8	7.5	80.8	205	7.5	3.4					
3OLD20004	20150527, 1045	45	18.8	65.8	7.5	80.8	205	7.5	3.4					
3OLD20004	20150527, 1045	50	18.7	65.7	7.1	76.3	206	7.4	3.5					
3OLD20004	20150527, 1045	55	18.6	65.5	6.8	72.9	207	7.4	3.8					

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3OLD20005	20150527, 1020	0	22.9	73.2	8.6	100.2	208	7.8	3.5				445.1	0.8
3OLD20005	20150527, 1020	5	22.9	73.2	8.6	100.2	208	7.8	10.9					
3OLD20005	20150527, 1020	10	22.7	72.9	8.4	97.5	210	7.7	9.5					
3OLD20005	20150527, 1020	15	22.2	72.0	8.2	94.3	214	7.7	8.0					
3OLD20005	20150527, 1020	20	20.9	69.6	8.6	96.5	208	7.8	9.3					
3OLD20005	20150527, 1020	25	20.4	68.7	8.7	96.7	207	7.8	9.5					
3OLD20005	20150527, 1020	30	19.9	67.8	8.5	93.5	207	7.7	7.9					
3OLD20005	20150527, 1020	35	19.6	67.3	8.5	93.0	207	7.7	7.9					
3OLD20005	20150527, 1020	40	19.1	66.4	8.3	89.9	206	7.6	5.4					
3OLD20005	20150527, 1020	45	18.9	66.0	8.2	88.5	206	7.6	4.8					
3OLD20005	20150527, 1020	50	18.9	66.0	8.2	88.5	206	7.6	4.8					
3OLD20005	20150527, 1020	55	18.8	65.8	7.9	85.1	208	7.5	4.9					
3OLD20005	20150527, 1020	60	18.8	65.8	7.9	85.1	208	7.5	4.9					
3OLD20006	20150527, 0950	0	21.1	70.0	9.2	103.6	207	8.2	12.4				445.1	0.9
3OLD20006	20150527, 0950	5	20.8	69.4	9.6	107.5	207	8.1	16.4					
3OLD20006	20150527, 0950	10	20.7	69.3	9.2	103.2	208	8.0	13.9					
3OLD20006	20150527, 0950	15	19.8	67.6	9.4	103.2	209	7.9	11.7					
3OLD20006	20150527, 0950	20	19.3	66.7	9.0	97.9	209	7.8	9.0					
3OLD20006	20150527, 0950	25	19.1	66.4	8.8	95.3	209	7.7	7.3					
3OLD20006	20150527, 0950	30	18.9	66.0	8.5	91.7	209	7.7	6.1					
3OLD20006	20150527, 0950	35	18.8	65.8	8.4	90.5	208	7.6	5.8					
3OLD20006	20150527, 0950	40	18.7	65.7	8.3	89.2	208	7.6	4.8					
3OLD20006	20150527, 0950	45	18.7	65.7	8.3	89.2	208	7.6	4.7					
3OLD20006	20150527, 0950	50	18.7	65.7	8.3	89.2	208	7.6	4.7					
3OLD20006	20150527, 0950	53	18.6	65.5	8.0	85.8	208	7.6	4.7					
3OLD20007	20150527, 0915	0	19.4	66.9	10.4	113.3	206	8.1	3.5				445.1	1.4
3OLD20007	20150527, 0915	5	18.8	65.8	9.9	106.6	205	7.9	13.0					
3OLD20007	20150527, 0915	10	18.7	65.7	9.5	102.1	205	7.8	10.2					
3OLD20007	20150527, 0915	15	18.6	65.5	9.1	97.6	205	7.7	9.4					
3OLD20007	20150527, 0915	20	18.6	65.5	9.0	96.5	205	7.7	9.3					

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3OLD20007	20150527, 0915	25	18.5	65.3	9.0	96.4	205	7.7	9.0					
3OLD20007	20150527, 0915	30	18.5	65.3	9.0	96.4	205	7.7	9.0					
3OLD20007	20150527, 0915	35	18.5	65.3	9.0	95.3	205	7.7	9.0					
3OLD20007	20150527, 0915	40	18.5	65.3	8.9	95.3	205	7.7	9.0					
3OLD20007	20150527, 0915	45	18.5	65.3	8.9	95.3	205	7.7	9.0					
3OLD20007	20150527, 0915	50	18.5	65.3	8.9	95.3	205	7.7	9.0					
3OLD20008	20150527, 0845	0	19.0	66.2	9.1	98.4	208	7.7	3.6				445.1	1.8
3OLD20008	20150527, 0845	5	18.8	65.8	9.1	98.0	207	7.4	10.5					
3OLD20008	20150527, 0845	10	18.8	65.8	9.0	96.9	207	7.4	10.5					
3OLD20008	20150527, 0845	15	18.8	65.8	8.8	94.8	207	7.4	9.0					
3OLD20008	20150527, 0845	20	18.7	65.7	8.8	94.6	207	7.7	8.2					
3OLD20008	20150527, 0845	25	18.7	65.7	8.7	93.5	207	7.7	8.2					
3OLD20008	20150527, 0845	30	18.7	65.7	8.7	93.5	207	7.7	8.2					
3OLD20008	20150527, 0845	35	18.6	65.5	8.6	92.3	207	7.7	8.2					
3OLD20008	20150527, 0845	38	18.6	65.5	8.6	92.3	207	7.7	8.2					
3OLD20009	20150527, 0745	0	18.5	65.3	7.9	84.6	202	7.6	3.5				445.1	1.3
3OLD20009	20150527, 0745	5	18.5	65.3	8.0	85.6	203	7.7	4.7					
3OLD20009	20150527, 0745	10	18.5	65.3	8.1	86.7	203	7.7	4.4					
3OLD20009	20150527, 0745	15	18.5	65.3	8.1	86.7	204	7.7	4.3					
3OLD20009	20150527, 0745	18	18.5	65.3	8.1	86.7	204	7.7	4.5					
3OLD20013	20150527, 1120	0	23.7	74.7	8.6	101.6	219	8.3	5.0				445.1	1.2
3OLD20013	20150527, 1120	5	23.3	73.9	8.3	97.4	218	8.3	8.9					
3OLD20013	20150527, 1120	10	23.0	73.4	7.5	87.5	223	8.0	8.9					
3OLD20013	20150527, 1120	15	22.6	72.7	6.4	74.1	221	7.7	6.3					
3OLD20013	20150527, 1120	20	20.7	69.3	5.6	62.6	215	7.5	3.5					
3OLD20013	20150527, 1120	25	19.9	67.8	2.3	25.3	227	7.3	3.5					
3OLD20016	20150527, 0820	0	18.8	65.8	8.0	86.2	204	7.6	3.5				445.1	1.6
3OLD20016	20150527, 0820	5	18.8	65.8	8.0	86.2	204	7.6	6.0					

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3OLD20016	20150527, 0820	10	18.7	65.7	7.9	84.9	204	7.6	5.5					
3OLD20016	20150527, 0820	15	18.7	65.7	7.9	84.9	204	7.6	5.5					
3OLD20016	20150527, 0820	20	18.7	65.7	7.9	84.9	204	7.6	5.5					
3OLD20016	20150527, 0820	25	18.7	65.7	7.8	83.8	204	7.6	5.5					
3OLD20016	20150527, 0820	30	18.7	65.7	7.7	82.8	204	7.6	5.5					
3OLD20016	20150527, 0820	32	18.7	65.7	7.7	82.8	204	7.6	5.5					
3OLD20019	20150527, 1010	0	26.0	78.8	8.1	99.7	212	7.6	3.6				445.1	0.7
3OLD20019	20150527, 1010	5	26.0	78.8	8.1	99.7	212	7.6	5.6					
3OLD20019	20150527, 1010	10	25.9	78.6	8.1	99.5	212	7.6	5.6					
3OLD20019	20150527, 1010	13	23.6	74.5	7.7	90.8	210	7.6	5.6					
3OLD20026	20150527, 0805	0	18.3	64.9	7.8	83.2	203	7.5	3.5				445.1	1.7
3OLD20026	20150527, 0805	5	18.3	64.9	7.8	83.2	203	7.5	3.5					
3OLD20026	20150527, 0805	10	18.3	64.9	7.8	83.2	203	7.5	3.5					
3OLD20026	20150527, 0805	15	18.3	64.9	7.8	83.2	203	7.5	3.5					
3OLD20026	20150527, 0805	20	18.3	64.9	7.8	83.2	203	7.5	3.5					
3OLD20026	20150527, 0805	25	18.3	64.9	7.8	83.2	203	7.5	3.5					