Wolf Creek Project (Lake Cumberland) Water Quality Field Data -> 20-21 October 2026															
Station	**Sample Date and Time YYYYMMDD, HHMM**	**Sample Depth ft**	**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**	**Sluice Gate Release cfs**	**Orifice Gate Release cfs**	**Tailwater Elevation ft**	**Lake Elevation ft**	**Secchi Disk m**
WOL10001 Tailwater Right Bank Cumberland River Mile 460.4 Turbine Discharge 1 Unit Generation	20261020, 1700	0	16.1	61.0	**7.9**	80.5	190	7.2	----	**4,030**	**0**	**0**	546.9		
WOL10026 Pitman Creek	20261021, 0815	0	12.4	54.3	9.8	92.1	256	8.1	----						
WOL10029 Big South Fork	20261021, 1530	0	17.4	63.3	9.6	100.5	123	7.7	----						
WOL10030 Cumberland River	20261021, 1400	0	18.0	64.4	13.0	137.8	227	8.9	----						
WOL10036 Rockcastle River	20261021, 0715	0	13.4	56.1	8.8	84.6	261	8.0	----						
WOL20002	20261020, 1430	0	22.8	73.0	8.6	99.3	203	7.9	1.4					693.9	2.5
WOL20002	20261020, 1430	5	22.7	72.9	8.6	100.1	203	7.9	1.9						
WOL20002	20261020, 1430	10	22.7	72.9	8.7	100.8	203	7.9	2.3						
WOL20002	20261020, 1430	15	22.6	72.7	8.7	100.8	203	7.9	2.5						
WOL20002	20261020, 1430	20	22.6	72.7	8.8	101.9	203	7.9	3.2						
WOL20002	20261020, 1430	25	22.6	72.7	8.8	101.1	203	7.9	2.9						
WOL20002	20261020, 1430	30	22.6	72.7	8.7	100.6	203	7.9	3.0						
WOL20002	20261020, 1430	35	22.4	72.3	8.7	100.4	203	7.9	3.0						
WOL20002	20261020, 1430	40	22.4	72.3	8.8	101.0	203	7.9	3.2						
WOL20002	20261020, 1430	45	22.3	72.1	8.9	102.0	203	7.9	3.0						
WOL20002	20261020, 1430	50	22.3	72.1	9.0	103.9	203	7.9	3.0						
WOL20002	20261020, 1430	55	22.3	72.1	9.1	104.6	203	7.9	2.9						
WOL20002	20261020, 1430	60	22.3	72.1	9.1	104.4	203	7.9	2.9						
WOL20002	20261020, 1430	65	18.3	64.9	6.7	70.9	200	7.4	1.3						
WOL20002	20261020, 1430	70	16.2	61.2	10.4	105.3	196	7.3	1.3						
WOL20002	20261020, 1430	75	14.2	57.6	11.6	112.7	194	7.2	1.1						
WOL20002	20261020, 1430	80	12.8	55.0	10.7	101.1	190	7.0	0.9						
WOL20002	20261020, 1430	85	11.8	53.2	8.4	77.6	187	7.0	0.9						
WOL20002	20261020, 1430	90	10.9	51.6	4.5	41.0	185	7.0	0.8						
WOL20002	20261020, 1430	95	9.8	49.6	3.5	30.6	184	7.0	0.8						

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Station	Sample Date and Time YYYYMMDD, HHMM	Sample Depth ft	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	Sluice Gate Release cfs	Orifice Gate Release cfs	Tailwater Elevation ft	Lake Elevation ft	Secchi Disk m
WOL20002	20261020, 1430	100	9.4	48.9	0.1	0.6	185	7.0	0.8						
WOL20002	20261020, 1430	105	9.4	48.9	0.1	0.6	185	7.0	0.8						
WOL20002	20261020, 1430	110	9.3	48.7	0.1	0.6	185	7.0	0.8						
WOL20002	20261020, 1430	115	9.3	48.7	0.1	0.6	185	7.0	0.8						
WOL20002	20261020, 1430	120	9.2	48.6	0.1	0.6	185	7.0	0.8						
WOL20002	20261020, 1430	125	9.1	48.4	0.1	0.6	186	7.0	0.7						
WOL20002	20261020, 1430	130	8.9	48.0	0.1	0.5	188	7.0	0.7						
WOL20002	20261020, 1430	135	8.9	48.0	0.1	0.5	190	7.0	0.7						
WOL20002	20261020, 1430	140	8.8	47.8	0.1	0.5	189	7.0	0.7						
WOL20002	20261020, 1430	145	8.8	47.8	0.1	0.5	190	7.0	0.7						
WOL20002	20261020, 1430	150	8.8	47.8	0.1	0.5	191	7.0	0.7						
WOL20003	20261020, 1530	0	22.7	72.9	7.3	84.7	203	7.9	2.2					693.9	2.9
WOL20003	20261020, 1530	5	22.8	73.0	7.4	85.1	203	7.9	2.4						
WOL20003	20261020, 1530	10	22.7	72.9	7.3	84.8	203	7.9	2.5						
WOL20003	20261020, 1530	15	22.6	72.7	7.1	81.6	203	7.8	3.1						
WOL20003	20261020, 1530	20	22.5	72.5	7.0	81.3	203	7.8	2.8						
WOL20003	20261020, 1530	25	22.5	72.5	7.2	82.8	203	7.9	2.8						
WOL20003	20261020, 1530	30	22.5	72.5	7.1	81.8	203	7.8	2.7						
WOL20003	20261020, 1530	35	22.5	72.5	7.1	82.0	203	7.8	2.7						
WOL20003	20261020, 1530	40	22.5	72.5	7.2	82.6	203	7.8	2.8						
WOL20003	20261020, 1530	45	22.5	72.5	7.1	82.0	203	7.8	2.6						
WOL20003	20261020, 1530	50	22.4	72.3	7.0	80.7	203	7.8	2.5						
WOL20003	20261020, 1530	55	22.4	72.3	6.8	78.1	203	7.8	2.6						
WOL20003	20261020, 1530	60	20.4	68.7	0.1	1.0	200	7.2	1.2						
WOL20003	20261020, 1530	65	17.8	64.0	0.1	0.8	205	7.1	1.1						
WOL20003	20261020, 1530	70	15.3	59.5	0.1	0.6	199	7.1	0.9						
WOL20003	20261020, 1530	75	13.8	56.8	0.4	4.0	192	7.0	0.7						
WOL20003	20261020, 1530	80	12.8	55.0	0.1	0.5	188	7.0	0.8						
WOL20003	20261020, 1530	85	11.6	52.9	0.1	0.5	184	6.9	0.8						
WOL20003	20261020, 1530	90	10.3	50.5	0.1	0.5	181	7.0	0.8						
WOL20003	20261020, 1530	95	9.9	49.8	0.1	0.4	181	6.9	0.8						
WOL20003	20261020, 1530	100	9.6	49.3	0.1	0.4	181	6.9	0.8						
WOL20003	20261020, 1530	105	9.5	49.1	0.1	0.4	182	6.9	0.8						
WOL20003	20261020, 1530	110	9.3	48.7	0.1	0.4	182	6.9	0.7						
WOL20003	20261020, 1530	115	9.1	48.4	0.1	0.4	183	6.9	0.7						

Wolf Creek Project (Lake Cumberland) Water Quality Field Data -> 20-21 October 2026															
Station	Sample Date and Time YYYYMMDD, HHMM	Sample Depth ft	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	Sluice Gate Release cfs	Orifice Gate Release cfs	Tailwater Elevation ft	Lake Elevation ft	Secchi Disk m
WOL20003	20261020, 1530	120	9.0	48.2	0.1	0.4	183	6.9	0.7						
WOL20003	20261020, 1530	125	8.9	48.0	0.1	0.4	184	7.0	0.7						
WOL20003	20261020, 1530	130	8.8	47.8	0.1	0.4	186	7.0	0.7						
WOL20003	20261020, 1530	135	8.8	47.8	0.1	0.4	186	7.0	0.7						
WOL20003	20261020, 1530	140	8.7	47.7	0.1	0.4	186	7.0	0.7						
WOL20003	20261020, 1530	145	8.7	47.7	0.1	0.4	188	7.0	0.7						
WOL20004	20261021, 1700	0	23.3	73.9	6.8	79.8	220	7.8	2.2					693.9	1.9
WOL20004	20261021, 1700	5	23.1	73.6	6.7	78.4	219	7.7	2.4						
WOL20004	20261021, 1700	10	22.5	72.5	6.6	76.2	220	7.7	3.0						
WOL20004	20261021, 1700	15	22.4	72.3	6.4	73.9	220	7.6	2.2						
WOL20004	20261021, 1700	20	22.4	72.3	6.3	72.1	221	7.6	2.0						
WOL20004	20261021, 1700	25	22.4	72.3	6.2	70.7	221	7.6	1.8						
WOL20004	20261021, 1700	30	22.4	72.3	6.2	71.0	220	7.6	1.8						
WOL20004	20261021, 1700	35	22.3	72.1	6.2	71.4	217	7.6	1.7						
WOL20004	20261021, 1700	40	22.3	72.1	6.3	72.3	215	7.6	1.8						
WOL20004	20261021, 1700	45	22.3	72.1	6.3	72.8	216	7.6	1.8						
WOL20004	20261021, 1700	50	22.3	72.1	6.3	72.4	215	7.6	1.7						
WOL20004	20261021, 1700	55	22.2	72.0	6.2	71.5	215	7.6	1.7						
WOL20004	20261021, 1700	60	19.5	67.1	0.1	1.0	174	7.2	1.8						
WOL20004	20261021, 1700	65	17.3	63.1	0.1	0.9	181	7.1	1.8						
WOL20004	20261021, 1700	70	15.6	60.1	0.1	0.8	188	7.1	1.8						
WOL20004	20261021, 1700	75	13.9	57.0	0.1	0.6	190	7.0	1.6						
WOL20004	20261021, 1700	80	12.5	54.5	0.1	0.5	189	7.0	1.5						
WOL20004	20261021, 1700	85	11.1	52.0	0.1	0.5	185	7.0	1.3						
WOL20004	20261021, 1700	90	10.5	50.9	0.1	0.5	184	7.0	1.2						
WOL20004	20261021, 1700	95	10.0	50.0	0.1	0.4	182	7.0	1.1						
WOL20004	20261021, 1700	100	9.8	49.6	0.1	0.4	182	7.0	1.1						
WOL20004	20261021, 1700	105	9.8	49.6	0.1	0.4	182	7.0	1.1						
WOL20004	20261021, 1700	110	9.7	49.5	0.1	0.4	182	7.0	1.1						
WOL20004	20261021, 1700	115	9.7	49.5	0.1	0.4	182	7.0	1.2						
WOL20004	20261021, 1700	120	9.7	49.5	0.1	0.4	182	7.0	1.3						
WOL20006	20261021, 1100	0	22.4	72.3	5.9	67.8	254	7.6	1.3					693.9	1.9
WOL20006	20261021, 1100	5	22.3	72.1	5.4	61.5	254	7.6	1.8						

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WOL20006	20261021, 1100	10	22.3	72.1	5.3	61.2	254	7.6	2.0						
WOL20006	20261021, 1100	15	22.3	72.1	5.3	60.6	254	7.6	2.0						
WOL20006	20261021, 1100	20	22.3	72.1	5.3	60.3	254	7.6	1.9						
WOL20006	20261021, 1100	25	22.3	72.1	5.3	60.3	254	7.6	2.0						
WOL20006	20261021, 1100	30	22.3	72.1	5.2	60.3	254	7.6	2.1						
WOL20006	20261021, 1100	35	22.3	72.1	5.3	60.3	254	7.6	2.0						
WOL20006	20261021, 1100	40	22.2	72.0	5.3	60.3	254	7.6	2.0						
WOL20006	20261021, 1100	45	22.2	72.0	5.2	59.9	254	7.6	2.0						
WOL20006	20261021, 1100	50	22.2	72.0	5.2	60.0	254	7.6	2.0						
WOL20006	20261021, 1100	55	21.3	70.3	1.0	10.8	285	7.4	1.4						
WOL20006	20261021, 1100	60	19.9	67.8	0.1	1.0	259	7.3	1.6						
WOL20006	20261021, 1100	65	17.1	62.8	0.1	0.8	210	7.2	1.8						
WOL20006	20261021, 1100	70	14.6	58.3	0.1	0.7	234	7.2	1.9						
WOL20006	20261021, 1100	75	13.1	55.6	0.1	0.6	236	7.2	2.1						
WOL20006	20261021, 1100	80	11.8	53.2	0.1	0.5	228	7.2	2.2						
WOL20006	20261021, 1100	84	11.8	53.2	0.1	0.5	228	7.2	2.2						
WOL20007	20261021, 1000	0	22.3	72.1	5.6	64.5	229	7.8	1.5					693.9	1.8
WOL20007	20261021, 1000	5	22.4	72.3	5.6	63.8	229	7.8	2.1						
WOL20007	20261021, 1000	10	22.3	72.1	5.5	63.4	229	7.8	2.1						
WOL20007	20261021, 1000	15	22.3	72.1	5.3	61.1	227	7.8	2.0						
WOL20007	20261021, 1000	20	22.3	72.1	5.4	61.6	227	7.7	2.1						
WOL20007	20261021, 1000	25	22.3	72.1	5.4	62.1	229	7.7	2.1						
WOL20007	20261021, 1000	30	22.3	72.1	5.5	63.0	230	7.7	2.3						
WOL20007	20261021, 1000	35	22.3	72.1	5.3	61.0	226	7.7	2.0						
WOL20007	20261021, 1000	40	22.3	72.1	5.3	60.6	227	7.7	2.1						
WOL20007	20261021, 1000	45	22.3	72.1	5.3	60.6	227	7.7	2.0						
WOL20007	20261021, 1000	50	22.2	72.0	5.2	60.0	238	7.7	1.8						
WOL20007	20261021, 1000	55	21.1	70.0	2.0	23.0	255	7.5	1.9						
WOL20007	20261021, 1000	60	18.8	65.8	0.1	0.9	217	7.3	1.7						
WOL20007	20261021, 1000	65	16.3	61.3	0.1	0.7	193	7.2	1.7						
WOL20007	20261021, 1000	70	14.5	58.1	0.1	0.6	196	7.2	1.8						
WOL20007	20261021, 1000	75	13.1	55.6	0.1	0.5	198	7.1	1.7						
WOL20007	20261021, 1000	80	11.7	53.1	0.1	0.4	197	7.1	1.6						
WOL20007	20261021, 1000	83	11.7	53.1	0.1	0.4	197	7.1	1.6						

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WOL20010	20261021, 1200	0	22.5	72.5	6.7	77.4	254	7.9	3.2					693.9	1.6
WOL20010	20261021, 1200	5	22.4	72.3	6.7	77.5	254	7.9	5.0						
WOL20010	20261021, 1200	10	22.3	72.1	6.7	77.3	254	7.8	4.7						
WOL20010	20261021, 1200	15	22.2	72.0	6.6	75.5	254	7.8	3.9						
WOL20010	20261021, 1200	20	22.2	72.0	6.5	74.1	254	7.8	4.7						
WOL20010	20261021, 1200	25	22.2	72.0	6.4	73.6	254	7.8	4.5						
WOL20010	20261021, 1200	30	22.2	72.0	6.4	73.7	254	7.8	4.1						
WOL20010	20261021, 1200	35	22.2	72.0	6.4	73.4	255	7.8	4.2						
WOL20010	20261021, 1200	40	22.2	72.0	6.4	73.7	255	7.8	4.6						
WOL20010	20261021, 1200	45	22.2	72.0	6.5	74.0	255	7.8	3.7						
WOL20010	20261021, 1200	50	22.1	71.8	6.5	74.7	255	7.8	3.8						
WOL20010	20261021, 1200	55	21.9	71.4	6.5	73.7	261	7.8	3.3						
WOL20010	20261021, 1200	60	21.5	70.7	6.5	73.0	262	7.8	3.3						