

J. Percy Priest Project Water Quality Field Data -> 04-06 August 2026

Station	Sample Date and Time YYYYMMDD, HHMM	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 Gate Release cfs	Cone Valve Release cfs	Tailwater Elevation ft	Lake Elevation ft	Secchi Disk meters
JPP10001 Tailwater Left Bank Stones River Mile 6.7 Cone Valve Release	20260804, 0830	0	25.3	77.5	7.9	96.1	322	8.0	----	0	0	130	387.9		
JPP10015 WF Stones R	20260805, 1100	0	25.8	78.4	8.2	100.6	592	7.7	----						
JPP10016 EF Stones R	20260805, 1200	0	26.5	79.7	8.3	103.0	418	7.9	----						
JPP10035 Stewart Cr	20260805, 1400	0	24.3	75.7	7.8	93.2	267	7.4	----						
JPP20002	20260804, 0930	0	28.3	82.9	7.6	97.1	263	8.2	4.6					490.7	2.2
JPP20002	20260804, 0930	5	28.2	82.8	7.5	96.2	263	8.1	5.5						
JPP20002	20260804, 0930	10	28.1	82.6	7.6	96.7	262	8.2	6.6						
JPP20002	20260804, 0930	15	28.1	82.6	7.4	94.4	263	8.1	8.0						
JPP20002	20260804, 0930	20	27.1	80.8	1.9	23.5	306	7.4	6.1						
JPP20002	20260804, 0930	25	25.3	77.5	0.1	0.9	345	7.2	4.8						
JPP20002	20260804, 0930	30	23.1	73.6	0.1	0.9	362	7.2	2.8						
JPP20002	20260804, 0930	35	21.2	70.2	0.1	0.8	362	7.2	2.7						
JPP20002	20260804, 0930	40	18.9	66.0	0.1	0.8	366	7.2	2.1						
JPP20002	20260804, 0930	45	17.2	63.0	0.1	0.8	372	7.2	1.6						
JPP20002	20260804, 0930	50	16.2	61.2	0.1	0.7	381	7.2	1.4						
JPP20002	20260804, 0930	55	15.2	59.4	0.1	0.7	386	7.2	1.4						
JPP20002	20260804, 0930	60	14.6	58.3	0.1	0.7	388	7.2	1.4						
JPP20002	20260804, 0930	65	14.2	57.6	0.1	0.7	389	7.2	1.4						
JPP20002	20260804, 0930	70	13.9	57.0	0.1	0.6	389	7.2	1.6						
JPP20002	20260804, 0930	75	13.7	56.7	0.1	0.6	393	7.2	1.6						
JPP20002	20260804, 0930	80	13.3	55.9	0.1	0.6	394	7.2	1.7						
JPP20002	20260804, 0930	85	13.0	55.4	0.1	0.5	397	7.1	1.8						

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JPP20002	20260804, 0930	90	12.8	55.0	0.1	0.5	398	7.1	1.8						
JPP20002	20260804, 0930	95	12.7	54.9	0.1	0.5	401	7.1	1.8						
JPP20003	20260804, 1045	0	29.2	84.6	7.8	102.2	265	8.2	2.4					490.7	2.1
JPP20003	20260804, 1045	5	28.3	82.9	7.7	99.3	264	8.2	7.2						
JPP20003	20260804, 1045	10	28.2	82.8	7.3	93.5	266	8.1	7.8						
JPP20003	20260804, 1045	15	28.2	82.8	7.0	90.1	267	8.0	8.6						
JPP20003	20260804, 1045	20	28.0	82.4	4.4	56.5	289	7.6	5.6						
JPP20003	20260804, 1045	25	25.6	78.1	0.1	0.9	392	7.2	2.7						
JPP20003	20260804, 1045	30	23.2	73.8	0.1	0.9	413	7.1	2.6						
JPP20003	20260804, 1045	35	21.0	69.8	0.1	0.8	402	7.1	2.2						
JPP20003	20260804, 1045	40	18.4	65.1	0.1	0.8	398	7.1	1.8						
JPP20003	20260804, 1045	45	17.1	62.8	0.1	0.8	394	7.1	1.7						
JPP20003	20260804, 1045	50	15.9	60.6	0.1	0.7	398	7.1	1.7						
JPP20003	20260804, 1045	55	15.6	60.1	0.1	0.7	398	7.1	1.8						
JPP20003	20260804, 1045	60	14.7	58.5	0.1	0.7	399	7.1	1.8						
JPP20003	20260804, 1045	65	14.1	57.4	0.1	0.7	401	7.1	1.8						
JPP20003	20260804, 1045	70	13.8	56.8	0.1	0.6	402	7.1	1.9						
JPP20003	20260804, 1045	75	13.7	56.7	0.1	0.6	402	7.1	1.9						
JPP20003	20260804, 1045	80	13.7	56.7	0.1	0.6	402	7.1	1.9						
JPP20004	20260806, 1100	0	30.2	86.4	12.0	158.5	269	8.6	9.3					490.7	0.8
JPP20004	20260806, 1100	5	29.5	85.1	9.8	127.9	274	8.3	22.4						
JPP20004	20260806, 1100	10	28.9	84.0	5.3	68.5	302	7.7	13.2						
JPP20004	20260806, 1100	15	25.6	78.1	4.9	59.9	514	7.4	8.3						
JPP20005	20260806, 1200	0	30.5	86.9	12.7	168.5	299	8.5	16.2					490.7	0.6
JPP20005	20260806, 1200	5	29.5	85.1	9.9	129.3	304	8.2	16.5						
JPP20005	20260806, 1200	10	28.6	83.5	4.9	63.0	348	7.6	11.6						
JPP20005	20260806, 1200	15	26.7	80.1	4.0	49.8	454	7.4	6.4						
JPP20005	20260806, 1200	20	25.6	78.1	2.7	33.0	506	7.3	3.8						
JPP20005	20260806, 1200	25	24.6	76.3	0.5	6.0	493	7.2	4.2						
JPP20005	20260806, 1200	30	21.4	70.5	0.1	1.1	547	7.0	4.3						

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JPP20006	20260806, 1245	0	30.7	87.3	14.1	187.7	303	8.6	13.8					490.7	0.7
JPP20006	20260806, 1245	5	29.6	85.3	10.7	139.9	320	8.1	17.9						
JPP20006	20260806, 1245	10	28.5	83.3	9.5	122.0	405	7.9	14.3						
JPP20006	20260806, 1245	15	26.6	79.9	6.8	84.6	546	7.6	7.2						
JPP20006	20260806, 1245	20	25.7	78.3	4.3	52.7	558	7.4	5.5						
JPP20007	20260806, 1300	0	31.3	88.3	13.9	186.8	306	8.6	8.0					490.7	0.8
JPP20007	20260806, 1300	5	29.7	85.5	12.4	162.4	311	8.4	17.3						
JPP20007	20260806, 1300	10	28.5	83.3	7.1	91.2	351	7.7	14.2						
JPP20007	20260806, 1300	15	26.7	80.1	4.5	56.1	430	7.4	8.0						
JPP20007	20260806, 1300	20	25.8	78.4	0.6	7.4	498	7.2	5.9						
JPP20008	20260804, 1200	0	30.1	86.2	10.4	138.6	270	8.6	7.2					490.7	1.0
JPP20008	20260804, 1200	5	28.9	84.0	8.8	113.7	272	8.3	21.5						
JPP20008	20260804, 1200	10	28.8	83.8	7.1	91.4	274	8.1	12.7						
JPP20008	20260804, 1200	15	28.5	83.3	4.4	56.0	292	7.7	8.7						
JPP20008	20260804, 1200	20	27.5	81.5	3.4	42.6	338	7.4	9.3						
JPP20008	20260804, 1200	25	26.0	78.8	2.2	26.6	411	7.3	6.8						
JPP20008	20260804, 1200	30	25.0	77.0	0.1	0.5	444	7.2	4.9						
JPP20008	20260804, 1200	35	22.7	72.9	0.1	0.4	451	7.1	2.8						
JPP20008	20260804, 1200	40	19.2	66.6	0.1	0.3	476	7.1	3.0						
JPP20009	20260804, 1115	0	29.6	85.3	8.6	113.5	269	8.4	3.6					490.7	1.7
JPP20009	20260804, 1115	5	28.8	83.8	9.3	120.4	267	8.5	11.8						
JPP20009	20260804, 1115	10	28.4	83.1	8.1	104.6	270	8.2	9.8						
JPP20009	20260804, 1115	15	28.3	82.9	7.4	95.2	272	8.1	8.4						
JPP20009	20260804, 1115	20	28.1	82.6	7.0	89.2	274	8.0	7.1						
JPP20009	20260804, 1115	25	25.6	78.1	0.1	0.5	396	7.2	3.2						
JPP20009	20260804, 1115	30	23.8	74.8	0.1	0.5	420	7.1	2.7						
JPP20009	20260804, 1115	35	21.4	70.5	0.1	0.5	435	7.1	2.5						
JPP20009	20260804, 1115	40	19.1	66.4	0.1	0.4	470	7.0	2.0						

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JPP20009	20260804, 1115	45	17.5	63.5	0.1	0.4	456	7.0	1.9						
JPP20009	20260804, 1115	50	16.7	62.1	0.1	0.4	439	7.0	2.0						