

2002 Gas Caps

From approximately April 3rd through August 31st, the US Army Corps of Engineers (COE), Reservoir Control Center reviews daily the spill amounts to ensure that the amounts do not generate total dissolved gas (TDG) levels that exceed 115% in the forebays and 120% in the tailwaters of COE owned dams. The spill amounts established to meet TDG criteria are called “gas caps” and have the units of kcfs.

The following table provides the gas caps for 2002.

2002 GAS CAPS

Date	Bonneville	The Dalles	John Day	McNary	Ice Harbor	Lower Monumental	Little Goose	Lower Granite
4/3/02								50
4/4/02								50
4/5/02						---	50	50
4/6/02						---	45	50
4/6/02						---	45	45
4/7/02						---	45	40
4/7/02						---	45	35
4/8/02						---	47	37
4/9/02						---	40	44
4/10/02	115	85	170	120	85	---	38	48
4/11/02	115	85	110	120	85	---	38	44
4/11/02	115	85	97	130	85	---	38	44
4/12/02	115	85	97	140	85	---	30	48
4/13/02	115	85	100	150	92	---	33	52
4/14/02	115	85	100	153	92	---	33	41
4/15/02	115	85	100	153	97	---	35	44
4/16/02	115	85	100	153	102	---	40	47
4/16/02	115	95	110	160	102	---	40	47
4/17/02	170	95	110	165	102	---	47	47
4/17/02	170	95	110	170	102	---	47	47
4/18/02	150	95	108	170	102	---	50	47
4/19/02	153	95	108	175	102	---	45	50
4/20/02	153	95	108	175	102	---	42	47
4/21/02	150	95	95	175	102	---	42	47
4/22/02	150	95	120	175	102	---	33	47
4/23/02	150	95	123	180	90	---	33	47
4/23/02	150	95	130	185	90	---	33	47
4/24/02	150	95	85	185	90	---	35	47
4/25/02	150	105	85	185	90	---	30	42
4/26/02	135	110	85	180	90	---	28	35
4/26/02	135	110	85	175	90	---	28	35
4/27/02	135	110	85	165	90	---	30	38
4/28/02	142	110	140	165	90	---	30	38
4/29/02	130	110	140	165	90	---	32	38
4/30/02	120	110	90	158	90	---	30	38
4/30/02	120	110	90	148	90	---	30	38
4/30/02	120	110	90	130	90	---	30	38

Date	Bonneville	The Dalles	John Day	McNary	Ice Harbor	Lower Monumental	Little Goose	Lower Granite
5/1/02	110	110	85	125	90	---	30	38
5/1/02	110	110	85	120	90	---	30	38
5/1/02	110	110	85	110	90	---	30	38
5/2/02	110	110	85	90	90	---	30	38
5/3/02	120	110	140	100	90	---	30	38
5/4/02	135	110	85	110	100	---	40	43
5/5/02	146	110	85	118	102	---	45	43
5/6/02	156	110	150	128	102	---	45	43
5/7/02	150	110	150	138	102	---	45	43
5/8/02	145	85	150	148	102	---	46	43
5/9/02	145	85	150	148	102	---	46	43
5/10/02	130	85	150	138	102	---	46	43
5/11/02	130	85	150	138	102	---	46	43
5/12/02	130	85	150	133	102	---	46	38
5/13/02	140	100	150	133	102	---	44	38
5/14/02	130	120	150	130	102	---	44	38
5/15/02	120	115	150	120	102	---	44	38
5/16/02	120	115	155	120	102	---	44	38
5/17/02	110	100	155	125	102	---	44	36
5/17/02	110	100	155	140	102	---	44	36
5/18/02	110	100	155	145	102	---	44	40
5/19/02	100	90	155	140	102	---	44	40
5/20/02	90	85	85	145	102	---	38	40
5/21/02	100	75	85	145	102	---	38	40
5/22/02	150	75	155	150	102	---	38	45
5/23/02	155	120	155	155	102	---	38	55
5/23/02	155	120	155	180	102	---	38	55
5/24/02	147	110	155	180	102	---	43	55
5/25/02	130	110	155	170	102	---	38	40
5/26/02	130	110	155	175	102	---	38	45
5/27/02	130	100	75	180	102	---	38	45
5/28/02	130	90	85	180	102	---	38	45
5/29/02	130	80	75	170	102	---	36	42
5/29/02	130	80	75	160	102	---	36	42
5/30/02	120	90	155	160	102	---	38	42
5/31/02	120	90	155	160	102	---	38	42
6/1/02	120	90	155	150	98	---	38	42
6/2/02	120	90	155	150	98	---	38	42
6/3/02	120	100	155	150	98	---	38	42
6/4/02	120	100	145	140	95	---	38	42
6/5/02	120	105	145	140	95	---	38	42
6/6/02	120	105	145	140	95	---	38	42
6/7/02	120	105	145	140	95	---	38	42
6/8/02	120	105	145	140	95	---	38	42
6/9/02	120	105	145	140	95	---	38	42
6/10/02	120	105	145	140	95	---	38	42
6/11/02	100	110	145	155	95	---	38	42
6/12/02	100	115	135	155	95	---	33	42
6/13/02	100	120	85	150	95	---	30	38
6/14/02	100	110	75	150	95	---	25	33
6/15/02	100	110	145	150	95	---	25	33
6/16/02	100	100	145	140	95	---	25	33

Date	Bonneville	The Dalles	John Day	McNary	Ice Harbor	Lower Monumental	Little Goose	Lower Granite
6/17/02	110	100	85	145	95	---	25	35
6/18/02	130	110	85	145	100	---	30	42
6/19/02	130	110	145	145	100	---	30	42
6/20/02	130	100	142	145	100	---	30	42
6/21/02	130	100	140	145	100	---	30	42
6/22/02	130	100	140	145	100	---	30	42
6/23/02	130	90	105	145	100	---	30	42
6/24/02	145	100	105	145	100	---	30	42
6/25/02	145	100	105	145	100	---	30	42
6/26/02	125	110	105	135	100	---	30	42
6/27/02	110	105	150	135	100	---	30	42
6/28/02	110	105	150	135	90	---	30	38
6/29/02	110	105	150	135	90	---	38	40
6/30/02	110	105	150	135	90	---	38	40
7/1/02	120	110	90	135	90	---	38	40
7/2/02	120	110	90	150	90	---	39	39
7/3/02	120	110	160	150	90	---	40	39
7/4/02	120	110	160	150	90	---	Spill Stop	Spill Stop
7/5/02	130	115	83	150	90	---	---	---
7/6/02	130	115	83	150	90	---	---	---
7/7/02	125	125	83	150	90	---	---	---
7/8/02	110	125	83	150	90	---	---	---
7/9/02	110	125	150	150	90	---	---	---
7/10/02	125	125	160	150	90	---	---	---
7/11/02	125	125	160	150	90	---	---	---
7/12/02	115	125	160	120	90	---	---	---
7/13/02	115	125	90	120	90	---	---	---
7/14/02	120	125	90	125	90	---	---	---
7/15/02	125	125	155	130	90	---	---	---
7/16/02	135	125	155	130	90	---	---	---
7/17/02	145	125	155	130	90	---	---	---
7/18/02	150	125	155	130	90	---	---	---
7/19/02	160	125	155	130	90	---	---	---
7/20/02	170	125	155	130	90	---	---	---
7/21/02	160	125	155	130	90	---	---	---
7/22/02	145	125	155	130	90	---	---	---
7/23/02	140	125	155	130	90	---	---	---
7/24/02	130	125	155	130	90	---	---	---
7/25/02	130	125	155	130	90	---	---	---
7/26/02	140	125	155	130	90	---	---	---
7/27/02	140	125	155	130	90	---	---	---
7/28/02	145	125	155	130	90	---	---	---
7/29/02	145	125	155	130	90	---	---	---
7/30/02	145	125	155	130	90	---	---	---
7/31/02	160	125	155	130	90	---	---	---
8/1/02	145	125	155	Spill Stop	90	---	---	---
8/2/02	155	125	155	---	90	---	---	---
8/3/02	155	125	155	---	90	---	---	---
8/4/02	155	125	155	---	90	---	---	---
8/5/02	155	125	155	---	90	---	---	---
8/6/02	155	125	155	---	90	---	---	---
8/7/02	155	125	155	---	90	---	---	---

Date	Bonneville	The Dalles	John Day	McNary	Ice Harbor	Lower Monumental	Little Goose	Lower Granite
8/8/02	155	125	155	---	90	---	---	---
8/9/02	155	125	155	---	90	---	---	---
8/10/02	155	125	155	---	90	---	---	---
8/11/02	155	125	155	---	90	---	---	---
8/12/02	155	125	155	---	90	---	---	---
8/13/02	155	125	155	---	90	---	---	---
8/14/02	140	125	155	---	90	---	---	---
8/16/02	155	130	155	---	90	---	---	---
8/18/02	140	130	155	---	90	---	---	---
8/19/02	140	130	155	---	90	---	---	---
8/20/02	140	130	155	---	90	---	---	---
8/21/02	140	130	155	---	90	---	---	---
8/22/02	140	130	155	---	90	---	---	---
8/23/02	140	130	155	---	90	---	---	---
8/24/02	140	130	155	---	90	---	---	---
8/25/02	140	130	155	---	90	---	---	---
8/26/02	140	130	155	---	90	---	---	---
8/27/02	140	130	155	---	90	---	---	---
8/28/02	140	130	155	---	90	---	---	---
8/29/02	140	130	155	---	90	---	---	---
8/30/02	140	130	155	---	90	---	---	---
8/31/02	140	130	155	---	90	---	---	---
Maximum	170	130	170	185	102	0	50	55
Minimum	90	75	75	90	85	0	25	33
Average	132	107	132	146	94	0	37	42

There was no spill at Lower Monumental because of dam safety issues.