Table LMN-13. Lower Monumental Dam Spill Pattern 2009

Spill Bay Stops								Total Stops [2]	Total Spill (kcfs) [1]
1	2	3	4	5	6	7	8		
0	0	0	0	0	1	0	R	5.5	8.6
0	1	0	0	0	1	0	R	6.5	10.4
0	1	0	0	1	1	0	R	7.5	12.2
0	1	1	0	1	1	0	R	8.5	14.0
0	1	1	1	1	1	0	R	9.5	15.8
1	1	1	1	1	1	0	R	10.5	17.6
1	1	1	1	1	1	1	R	11.5	19.4
1	1	1	1	1	2	1	R	12.5	20.9
1	2	1	1	1	2	1	R	13.5	22.4
1	2	1	1	2	2	1	R	14.5	23.9
1	2	2	1	2	2	1	R	15.5	25.4
1	2	2	2	2	2	1	R	16.5	26.9
2	2	2	2	2	2	1	R	17.5	28.4
2	2	2	2	2	2	2	R	18.5	29.9
2	2	2	2	2	3	2	R	19.5	31.4
2	3	2	2	2	3	2	R	20.5	32.9
2	3	2	2	3	3	2	R	21.5	34.4
2	3	3	2	3	3	2	R	22.5	35.9
2	3	3	3	3	3	2	R	23.5	37.4
3	3	3	3	3	3	2	R	24.5	38.9
3	3	3	3	3	3	3	R	25.5	40.4
3	3	3	3	3	4	3	R	26.5	41.8
3	4	3	3	3	4	3	R	27.5	43.2
3	4	3	3	4	4	3	R	28.5	44.6
3	4	4	3	4	4	3	R	29.5	46.0
3	4	4	4	4	4	3	R	30.5	47.4
4	4	4	4	4	4	3	R	31.5	48.8
4	4	4	4	4	4	4	R	32.5	50.2
4	4	4	4	4	5	4	R	33.5	51.9
4	5	4	4	4	5	4	R	34.5	53.6
4	5	4	4	5	5	4	R	35.5	55.3
4	5	5	4	5	5	4	R	36.5	57.0
4	5	5	5	5	5	4	R	37.5	58.7
5	5	5	5	5	5	4	R	38.5	60.4
5	5	5	5	5	5	5	R	39.5	62.1

1) Total spill is based on a forebay elevation of 537.0 and interim spillway rating table dated 2 Apr 2009.

2) RSW in bay 8 has a flow equivalent of 4.5 stops at forebay elevation 537.0.

3) Raise gate for the RSW bay above Stop 9 to ensure free surface and debris passage.

Table LMN-13. Lower Monumental Dam Spill Pattern 2009

Spill Bay Stops								Total Stops [2]	Total Spill (kcfs) [1]
1	2	3	4	5	6	7	8		
5	5	5	5	5	6	5	R	40.5	63.8
5	6	5	5	5	6	5	R	41.5	65.5
5	6	5	5	6	6	5	R	42.5	67.2
5	6	6	5	6	6	5	R	43.5	68.9
5	6	6	6	6	6	5	R	44.5	70.6
6	6	6	6	6	6	5	R	45.5	72.3
6	6	6	6	6	6	6	R	46.5	74.0
6	6	6	6	6	7	6	R	47.5	75.6
6	7	6	6	6	7	6	R	48.5	77.2
6	7	6	6	7	7	6	R	49.5	78.8
6	7	7	6	7	7	6	R	50.5	80.4
6	7	7	7	7	7	6	R	51.5	82.0
7	7	7	7	7	7	6	R	52.5	83.6
7	7	7	7	7	7	7	R	53.5	85.2
7	7	7	7	7	8	7	R	54.5	87.0
7	8	7	7	7	8	7	R	55.5	88.8
7	8	7	7	8	8	7	R	56.5	90.6
7	8	8	7	8	8	7	R	57.5	92.4
7	8	8	8	8	8	7	R	58.5	94.2
8	8	8	8	8	8	7	R	59.5	96.0
8	8	8	8	8	8	8	R	60.5	97.8
8	8	8	8	8	9	8	R	61.5	99.4
8	9	8	8	8	9	8	R	62.5	101.0
8	9	8	8	9	9	8	R	63.5	102.6
8	9	9	8	9	9	8	R	64.5	104.2
8	9	9	9	9	9	8	R	65.5	105.8
9	9	9	9	9	9	8	R	66.5	107.4
9	9	9	9	9	9	9	R	67.5	109.0
9	9	9	9	9	10	9	R	68.5	110.8
9	10	9	9	9	10	9	R	69.5	112.6
9	10	9	9	10	10	9	R	70.5	114.4
9	10	10	9	10	10	9	R	71.5	116.2
9	10	10	10	10	10	9	R	72.5	118.0
10	10	10	10	10	10	9	R	73.5	119.8
10	10	10	10	10	10	10	R	74.5	121.6

1) Total spill is based on a forebay elevation of 537.0 and interim spillway rating table dated 2 Apr 2009.

2) RSW in bay 8 has a flow equivalent of 4.5 stops at forebay elevation 537.0.

3) Raise gate for the RSW bay above Stop 9 to ensure free surface and debris passage.

Table LMN-13. Lower Monumental Dam Spill Pattern 2009

Spill Bay Stops								Total Stops [2]	Total Spill (kcfs) [1]
1	2	3	4	5	6	7	8		
10	10	10	10	10	11	10	R	75.5	123.3
10	11	10	10	10	11	10	R	76.5	125.0
10	11	10	10	11	11	10	R	77.5	126.7
10	11	11	10	11	11	10	R	78.5	128.4
10	11	11	11	11	11	10	R	79.5	130.1
11	11	11	11	11	11	10	R	80.5	131.8
11	11	11	11	11	11	11	R	81.5	133.5
11	11	11	11	11	12	11	R	82.5	135.2
11	12	11	11	11	12	11	R	83.5	136.9
11	12	11	11	12	12	11	R	84.5	138.6
11	12	12	11	12	12	11	R	85.5	140.3
11	12	12	12	12	12	11	R	86.5	142.0
12	12	12	12	12	12	11	R	87.5	143.7
12	12	12	12	12	12	12	R	88.5	145.4
12	12	12	12	12	13	12	R	89.5	147.1
12	13	12	12	12	13	12	R	90.5	148.8
12	13	12	12	13	13	12	R	91.5	150.5
12	13	13	12	13	13	12	R	92.5	152.2
12	13	13	13	13	13	12	R	93.5	153.9
13	13	13	13	13	13	12	R	94.5	155.6
13	13	13	13	13	13	13	R	95.5	157.3
13	13	13	13	13	14	13	R	96.5	159.0
13	14	13	13	13	14	13	R	97.5	160.7
13	14	13	13	14	14	13	R	98.5	162.4
13	14	14	13	14	14	13	R	99.5	164.1
13	14	14	14	14	14	13	R	100.5	165.8
14	14	14	14	14	14	13	R	101.5	167.5
14	14	14	14	14	14	14	R	102.5	169.2
14	14	14	14	14	15	14	R	103.5	171.0
14	15	14	14	14	15	14	R	104.5	172.8
14	15	14	14	15	15	14	R	105.5	174.6
14	15	15	14	15	15	14	R	106.5	176.4
14	15	15	15	15	15	14	R	107.5	178.2
15	15	15	15	15	15	14	R	108.5	180.0
15	15	15	15	15	15	15	R	109.5	181.8

1) Total spill is based on a forebay elevation of 537.0 and interim spillway rating table dated 2 Apr 2009.

2) RSW in bay 8 has a flow equivalent of 4.5 stops at forebay elevation 537.0.

3) Raise gate for the RSW bay above Stop 9 to ensure free surface and debris passage.