Record Shewing water which ran to waste over the Nishna aniecut from 1st May to 31st December 1862.

Date	Depth of water on Crest	Depth Sandstone Open	Discharge cubic feet per secon	Discharge through Sandstone in Cubic feet per second	Total discharge in Cubic feet per second	Total discharge in Cubic feet per minute	Remarks
			May 1862.				
1st			"	921,600	921,600	22,118,400	
2nd			"	921,600	921,600	22,118,400	
3rd			"	1,353,600	1,353,600	32,486,400	
4th			1,929,600	"	1,929,600	46,310,400	
5th			1,728,000	"	1,728,000	41,472,000	
6th			1,642,600	"	1,642,600	39,422,400	
7th			1,728,000	"	1,728,000	41,472,000	
8th			1,929,600	"	1929600	46310400	
9th			1,728,000	"	1,728,000	41,472,000	
10th			1,872,000	"	1,872,000	44,920,000	
11th			1,756,800	"	1,756,800	42,163,200	
12th			1,584,000	"	1,584,000	38,016,000	
13th			1,440,000	"	1,440,000	34,560,000	
14th			1,296,000	"	1,296,000	31,104,000	
15th			1,209,600	"	1,209,600	29,030,400	
16th			1,065,600	"	1,065,600	25,574,400	
17th			1,065,600	"	1,065,600	25,574,400	
18th			1,065,600	"	1,065,600	25,574,400	
19th			100,000	"	100,000	2400,000	
20th		24	1,497,600	"	1,497,600	35,942,400	
21st		15	907,200	"	907,200	27,772,800	
22nd		15	907,200	"	907,200	21,772,800	
23rd			921,900	"	921,900	22,125,600	
24th			921,900	"	921,900	22,129,600	
25th			921,900	"	921,900	22,129,600	
26th		30	1,929,600	"	1,929,600	46,310,400	
27th		20	1,256,000	"	1,256,000	30,144,000	
28th		30	1,785,600	"	1,785,600	42,854,400	
29th			172,800	"	172,800	4,147,200	
30th			1,468,000	"	1,468,000	35,232,000	
31st			1,180,800	"	1,180,800	28,339,200	
			37,011,500	3196,800	40,208,300	964,999,200	

Date	Depth of water in Creek	No. of Standards efflux	Discharge over Crest in Cubic yards per hour	Discharge through Orifices in Cubic yards per hour	Total discharge in Cubic yards per hour	Total discharge in Cubic yards during 24 hours	Remarks
			June 1862				
1st	"	30		11,808.00	1,180,800	28,339,200	
2nd	"	30		1,180.800	1,180,800	28,339,200	
3d	"	"		400,000	100,000	2,400,000	
4th	"	"		100,000	100,000	2,400,000	
5th	"	"		100,000	100,000	2,400,000	
6th	"	"		238,200	238,200	5,716,800	
7th	"	"		391,800	391,800	9,403,200	
8th	"	"		460,000	460,000	11040,000	
9th	"	10		503,200	503,200	12,076,800	
10th	0.2	45	92,160	546,400	638,560	15,325,440	
11th	0.9	10	875,520	980,000	1,855,520	44,532,480	
12th	0.3		169,000	922,800	1091,800	26,203,200	
13th	0.6	20	471,100	1,824,000	2,295,100	55,082,400	
14th	0.5		363,500	1,805,000	2,168,500	52,044,000	
15th	0.5		363,500	1,805,000	2,168,500	52,044,000	
16th	0.3		169,000	1,766,000	1,935,000	46,440,000	
17th	0.6		471,100	1,824,000	2,295,100	55,082,400	
18th	0.0	30	-	2,592,000	2,592,000	62,208,000	
19th	0.9		875,520	2,880,000	3,755,520	90,132,480	
20th	2.0		2,897,920	2,880,000	5,777,920	138,670,080	
21st	2.7		4,536,320	2,880,000	7,416,320	177,991,680	
22nd	2.6		4,280,320	2,880,000	7,160,320	171,847,680	
23rd	3.4		6,400,000	2,880,000	9,280,000	222,720,000	
24th	4.0		8,192,000	2,880,000	11,072,000	265,728,000	
25th	3.5		6,696,960	2,880,000	9,576,960	229,847,040	
26th	2.9		5,048,320	2,880,000	7,928,320	190,279,680	
27th	2.5		3,993,600	2,880,000	6,873,600	164,966,400	
28th	2.5		3,993,600	2,880,000	6,873,600	164,966,400	
29th	2.1		3,225,600	2,880,000	6,105,600	146,534,400	
30th	2.0		2,897,920	2,880,000	5,777,920	138,670,080	
			56,012,960	52,880,000	108,892,960	2,613,431,040	

Date	Depth of water in Creek	No. of Standards efflux	Discharge over Crest in Cubic yards per hour	Discharge through Orifices in Cubic yards per hour	Total discharge in Cubic yards per hour	Total discharge in Cubic yards during 24 hours	Remarks
			July 1862				
1st	2.1		3,225,600	2,880,000	6,105,600	146,534,400	
2nd	2.7		4,536,320	2,880,000	7,416,320	177,991,680	
3d	2.5		3,993,600	2,880,000	6,873,600	164,966,400	
4th	3.7		7,270,400	2,880,000	10,150,400	243,609,600	
5th	5.9		14,684,160	2,880,000	17564,160	421,539,840	
6th	7.0		18,923,520	2,880,000	21,803,520	523,284,480	
7th	7.7		21,882,880	2,880,000	24,762,880	594,309,120	
8th	7.2		19,763,200	2,880,000	22,643,200	543,436,800	
9th	6.5		16,998,400	2,880,000	19878,400	477,081,600	
10th	6.1		15,462,400	2,880,000	18342,400	440,217,600	
11th	5.8		14,315,520	2,880,000	17,195,520	412,692,480	
12th	6.0		15,052,800	2,880,000	17932,800	430,387,200	
13th	6.3		16,169,200	2,880,000	19049,200	457,180,800	
14th	6.0		15,552,800	2,880,000	17,932,800	430,387,200	
15th	5.3		12,492,800	2,880,000	15372,800	368,947,200	
16th	4.9		11,089,920	2,880,000	13969,920	335,278,080	
17th	4.6		10,096,640	2,880,000	12,976,640	311,439,360	
18th	5.9		14,684,160	2,880,000	17,564,160	421,539,840	
19th	8.4		24,944,640	2,880,000	27,824,640	667,791,360	
20th	8.0		23,183,360	2,880,000	26,063,360	625,520,640	
21st	7.0		18923,520	2,880,000	21,803,500	523,284,480	
22nd	5.9		14,684,160	2,880,000	17,564,160	421,539,840	
23rd	5.3		12,492,800	2,880,000	15372,800	368,947,200	
24th	4.8		11,018,240	2,880,000	13898,240	333,557,760	
25th	4.3		9,113,600	2,880,000	11,993,600	287,846,400	
26th	3.8		7,587,840	2,880,000	10067,840	241,628,160	
27th	3.4		6,400,000	2,880,000	9,280,000	222,720,000	
28th	3.1		5,580,800	2,880,000	8,460,800	203,059,200	
29th	3.0		5,314,560	2,880,000	8194,560	196,669,440	
30th	3.0		5,314,560	2,880,000	8194,560	196,669,440	
31st	3.0		5,314,560	2,880,000	8194,560	196,669,440	
			383,566,960	89,280,000	472,846,960	11,396,327,040	

August 1862

Date	Difference of Quadrants in Circle	Adjustment Chains	Discharges and Credits in Cubic Yards per hour	Discharges through Main Drain in Cubic Yards per hour	Total discharge in Cubic Yards per hour	Total discharge in Cubic Yards during the past	Remarks
1st							
	3.2		5,865,472	2,880,000	8,745,472	209,891,328	
2nd	4.1		8,499,200	2,880,000	11,379,200	273,100,800	
3rd	5.9		14,684,160	2,880,000	17,564,160	421,539,840	
4th	6.9		18,585,600	2,880,000	21,465,600	515,174,400	
5th	7.0		18,923,520	2,880,000	21,803,520	523,284,480	
6th	6.2		15,809,560	2,880,000	18,689,560	448,549,440	
7th	5.5		13,178,880	2,880,000	16,058,880	385,413,120	
8th	5.0		11,468,800	2,880,000	14,348,800	344,371,200	
9th	4.5		9,768,960	2,880,000	12,648,960	303,575,040	
10th	4.5		9,768,960	2,880,000	12,648,960	303,575,040	
11th	4.5		9,768,960	2,880,000	12,648,960	303,575,040	
12th	4.2		8,816,640	2,880,000	11,696,640	280,719,360	
13th	4.3		9,113,600	2,880,000	11,993,600	287,846,400	
14th	5.1		11,806,720	2,880,000	14,686,720	352,481,280	
15th	6.0		15,052,800	2,880,000	17,932,800	430,387,200	
16th	5.5		13,178,880	2,880,000	16,058,880	385,413,120	
17th	6.1		15,462,400	2,880,000	18,342,400	440,217,600	
18th	6.5		15,462,400	2,880,000	18,342,400	440,217,600	
19th	7.4		20,613,120	2,880,000	23,493,120	563,834,880	
20th	8.2		24,012,800	2,880,000	26,892,800	645,427,200	
21st	8.8		29,020,160	2,880,000	31,900,160	765,603,840	
22nd	12.1		43,120,640	2,880,000	46,000,640	1,104,015,360	
23rd	12.6		45,803,520	2,880,000	48,683,520	1,168,404,480	
24th	11.7		40,960,000	2,880,000	43,840,000	1,052,160,000	
25th	10.5		34,836,480	2,880,000	37,716,480	905,195,520	
26th	9.5		29,962,240	2,880,000	32,842,240	788,213,760	
27th	8.5		25,415,680	2,880,000	28,295,680	679,096,320	
28th	7.4		20,613,120	2,880,000	23,493,120	563,834,880	
29th	6.3		16,169,200	2,880,000	19,049,200	457,180,800	
30th	5.5		13,178,880	2,880,000	16,058,880	385,413,120	
31st	4.9		11,039,920	2,880,000	13,969,920	335,278,080	
			580,011,272	89,280,000	669,291,272	16,062,990,528	

September 1862

Date	Difference of Quadrants in Circle	Adjustment Chains	Discharges and Credits in Cubic Yards per hour	Discharges through Main Drain in Cubic Yards per hour	Total discharge in Cubic Yards per hour	Total discharge in Cubic Yards during the past	Remarks
1st	4.4		9,461,760	2,880,000	12,341,760	296,202,240	
2nd	4.1		8,499,200	2,880,000	11,379,200	273,100,800	
3rd	4.0		8,192,000	2,880,000	11,072,000	265,728,000	
4th	3.6		7,004,160	2,880,000	9,884,160	237,219,840	
5th	4.0		8,192,000	2,880,000	11,072,000	265,728,000	
6th	3.5		6,696,960	2,880,000	9,576,960	229,847,040	
7th	3.4		6,400,000	2,880,000	9,280,000	222,720,000	
8th	3.4		6,400,000	2,880,000	9,280,000	222,720,000	
9th	4.2		8,816,640	2,880,000	11,696,640	280,719,360	
10th	4.4		9,461,760	2,880,000	12,341,760	296,202,240	
11th	5.0		11,468,800	2,880,000	14,348,800	344,371,200	
12th	4.4		9,461,760	2,880,000	12,341,760	296,202,240	
13th	4.1		8,499,200	2,880,000	11,379,200	273,100,800	
14th	6.9		18,585,600	2,880,000	21,465,600	515,174,400	
15th	6.3		16,169,200	2,880,000	19,049,200	457,180,800	
16th	7.1		19,343,360	2,880,000	22,223,360	533,360,640	
17th	8.0		23,183,360	2,880,000	26,063,360	625,520,640	
18th	8.1		23,633,920	2,880,000	26,513,920	636,334,080	
19th	10.4		34,344,960	2,880,000	37,224,960	893,399,040	
20th	10.5		34,836,480	2,880,000	37,716,480	905,195,520	
21st	9.0		27,648,000	2,880,000	30,528,000	732,672,000	
22nd	7.3		20,183,040	2,880,000	23,063,040	553,512,960	
23rd	7.0		18,923,520	2,880,000	21,803,520	523,284,480	
24th	5.6		13,588,480	2,880,000	16,468,480	395,243,520	
25th	5.5		13,178,880	2,880,000	16,058,880	385,413,120	
26th	7.3		20,183,040	2,880,000	23,063,040	553,512,960	
27th	7.1		19,343,360	2,880,000	22,223,360	533,360,640	
28th	6.9		18,585,600	2,880,000	21,465,600	515,174,400	
29th	7.1		19,343,360	2,880,000	22,223,360	533,360,640	
30th	7.3		20,183,040	2,880,000	23,063,040	553,512,960	
			469,811,440	86,400,000	556,211,440	13,349,074,560	

Date	Höchste Temperatur im Schatten	Niederschlag in Millimetern	Differenz gegen das Mittel in Cubikfuß	Differenz gegen das Mittel in Cubikfuß	Total-Differenz in Cubikfuß	Total-Differenz in Cubikfuß	Remarks
			October 1862				
1.	8.8		29,020,160	2,880,000	31,900,160	765,603,840	
2.	9.4		29,511,680	2,880,000	32,391,680	797,400,320	
3.	9.0		27,648,000	2,880,000	30,528,000	732,672,000	
4.	8.6		25,804,800	2,880,000	28,684,800	688,435,200	
5.	8.3		24,473,600	2,880,000	27,353,600	656,486,400	
6.	9.2		28,569,600	2,880,000	31,449,600	754,790,400	
7.	8.9		27,156,480	2,880,000	30,036,480	720,875,520	
8.	7.6		21,452,850	2,880,000	24,332,800	583,987,200	
9.	6.4		16,588,800	2,880,000	19,468,800	467,251,200	
10.	5.6		13,588,480	2,880,000	16,468,480	395,243,520	
11.	4.9		11,089,920	2,880,000	13,969,920	335,278,080	
12.	4.4		9,461,760	2,880,000	12,341,760	296,202,240	
13.	3.9		7,884,800	2,880,000	10,764,800	258,355,200	
14.	3.8		7,587,840	2,880,000	10,467,840	251,228,160	
15.	4.2		8,816,640	2,880,000	11,696,640	280,719,360	
16.	7.3		20,183,040	2,880,000	23,063,040	553,512,960	
17.	7.9		22,732,800	2,880,000	25,612,800	614,707,200	
18.	9.2		28,569,600	2,880,000	31,449,600	754,790,400	
19.	8.5		25,415,680	2,880,000	28,295,680	679,096,320	
20.	8.0		23,183,360	2,880,000	26,063,360	625,520,640	
21.	7.7		21,882,880	2,880,000	24,762,880	594,309,120	
22.	7.3		20,183,040	2,880,000	23,063,040	553,512,960	
23.	6.4		16,578,560	2,880,000	19,458,560	467,005,440	
24.	5.2		12,139,520	2,880,000	15,019,520	360,468,960	
25.	4.7		10,342,400	2,880,000	13,222,400	317,337,600	
26.	5.7		13,946,880	2,880,000	16,826,880	403,845,120	
27.	6.5		15,462,400	2,880,000	18,342,400	440,217,600	
28.	6.5		15,462,400	2,880,000	18,342,400	440,217,600	
29.	5.9		14,684,160	2,880,000	17,564,160	421,539,840	
30.	5.3		12,492,800	2,880,000	15,372,800	368,947,200	
31.	5.0		11,468,800	2,880,000	14,348,800	344,371,200	
			573,383,700	89,280,000	662,663,700	15,903,928,800	

Date	Höchste Temperatur im Schatten	Niederschlag in Millimetern	Differenz gegen das Mittel in Cubikfuß	Differenz gegen das Mittel in Cubikfuß	Total-Differenz in Cubikfuß	Total-Differenz in Cubikfuß	Remarks
			November 1862				
1.	4.7		10,342,400	2,880,000	13,222,400	317,337,600	
2.	4.0		8,192,000	2,880,000	11,072,000	265,728,000	
3.	3.7		7,270,400	2,880,000	10,150,400	243,609,600	
4.	3.3		6,144,000	2,880,000	9,024,000	216,576,000	
5.	3.2		4,991,000	2,880,000	7,871,000	188,904,000	
6.	3.4		6,400,000	2,880,000	9,280,000	222,720,000	
7.	2.9		5,048,320	2,880,000	7,928,320	190,279,680	
8.	2.5		3,993,600	2,880,000	6,873,600	164,966,400	
9.	2.5		3,993,600	2,880,000	6,873,600	164,966,400	
10.	2.5	27	3,993,600	2,792,000	6,785,600	162,854,400	
11.	2.3	24	3,569,660	2,304,000	5,873,660	140,967,840	
12.	2.2	21	3,334,100	2,066,000	5,400,100	129,602,400	
13.	2.0	21	2,897,920	2,066,000	4,963,920	119,134,080	
14.	1.9	20	2,664,700	1,970,000	4,634,700	111,232,800	
15.	1.8	19	2,472,960	1,874,000	4,346,960	104,327,040	
16.	1.7	19	2,270,210	1,874,000	4,144,210	99,461,040	
17.	1.7	19	2,270,210	1,874,000	4,144,210	99,461,040	
18.	1.7	17	2,270,210	1,682,000	3,952,210	94,853,040	
19.	1.6	17	2,072,600	1,682,000	3,754,600	90,110,400	
20.	1.5	17	1,881,010	1,682,000	3,563,010	85,512,240	
21.	1.5	16	1,881,010	1,586,000	3,467,010	83,208,240	
22.	1.5	15	1,881,010	1,490,000	3,371,010	80,904,240	
23.	1.3	15	1,517,600	1,490,000	3,007,600	72,182,400	
24.	1.3	14	1,517,600	1,394,000	2,911,600	69,878,400	
25.	1.3	11	1,517,600	1,186,000	2,703,600	64,886,400	
26.	1.3	10	1,517,600	1,060,000	2,577,600	61,862,400	
27.	1.3	9	1,517,600	964,000	2,481,600	59,558,400	
28.	1.3	8	1,517,600	868,000	2,385,600	57,254,400	
29.	1.2	6	1,351,680	676,000	2,027,680	48,664,320	
30.	1.2		1,351,680	676,000	2,027,680	48,664,320	
			101,643,480	59,176,000	160,819,480	3,859,667,520	

Date	Depth of water on Crest of Aprondestroy'd	No of Undershutters open	Discharge over Crest of Cubits per sec.	Discharge through Sluices in Cubits per sec.	Total discharge in Cubits per sec.	Total discharge in Cubits per day	Remarks
			December 1862				
1st	1·2	6	1,351,680	676,000	2,027,680	48,664,320	
2nd	1·2	6	1,351,680	676,000	2,027,680	48,664,320	
3rd	1·2	5	1,351,680	580,000	1,931,680	46,360,320	
4th	1·2	4	1,351,680	484,000	1,835,680	44,056,320	
5th	1·2	4	1,351,680	484,000	1,835,680	44,056,320	
6th	1·2	3	1,351,680	288,000	1,739,680	41,752,320	
7th	1·2	3	1,351,680	288,000	1,739,680	41,752,320	
8th	1·2	2	1,351,680	292,000	1,643,680	39,448,320	
9th	1·1	2	1,182,720	292,000	1,474,720	35,393,280	
10th	1·1	2	1,182,720	292,000	1,474,720	35,393,280	
11th	1·1	1	1,182,720	196,000	1,378,720	33,089,280	
12th	1·1	1	1,100,000	196,000	1,296,000	31,104,000	
13th	1·5	"	"	100,000	100,000	2,400,000	
14th	1·5	"	"	100,000	100,000	2,400,000	
15th	1·5	"	"	100,000	100,000	2,400,000	
16th	1·5	"	"	100,000	100,000	2,400,000	
17th	1·0	"	"	100,000	100,000	2,400,000	
18th	1·0	"	"	100,000	100,000	2,400,000	
19th	1·0	"	"	100,000	100,000	2,400,000	
20th	1·0	"	"	100,000	100,000	2,400,000	
21st	1·0	"	"	100,000	100,000	2,400,000	
22nd	0·8	"	"	100,000	100,000	2,400,000	
23rd	0·8	"	"	100,000	100,000	2,400,000	
24th	0·8	"	"	100,000	100,000	2,400,000	
25th	0·8	"	"	100,000	100,000	2,400,000	
26th	0·8	"	"	100,000	100,000	2,400,000	
27th	0·8	"	"	100,000	100,000	2,400,000	
28th	0·8	"	"	100,000	100,000	2,400,000	
29th	1·1	"	"	100,000	100,000	2,400,000	
30th	1·1	"	"	100,000	100,000	2,400,000	
31st	1·1	"	"	100,000	100,000	2,400,000	
			15,461,600	6,844,000	22,305,600	535,334,400	

Record Shewing water which pass to waste over the Penair Anicut from

Date	Depth of water on Crest	No of Undershutters open	Discharge over Crest Cubic ft per sec.	Discharge through Sluices in Cubic ft per sec.	Total discharge in Cubic ft per sec.	Total discharge in Cubic ft per day	Remarks
June 1862				None			
July				None			
August				None			
Sept.							
8th	5"	3	206,009	254,916	460,925	11,062,200	
9th	2"	"	52,120	"	52,120	1,250,880	
10th	2"	"	52,120	"	52,120	1,250,880	
11th	2'	17	2,166,483	1,556,652	3,723,135	89,355,240	
12th	5·2	17	8,995,520	1,490,342	10,485,862	251,660,832	
13th	3'	17	3,980,083	1,244,211	5,224,294	125,383,056	
14th	3'	17	3,980,083	1,244,211	5,224,294	125,383,056	
15th	1·7	17	6,320,218	1,244,211	7,564,429	181,546,296	
16th	1·10	20	1,901,393	1,612,548	3,513,941	84,334,584	
17th	2·4	20	2,730,079	1,554,110	4,284,189	102,820,536	
18th	2·4	20	2,730,079	1,583,701	4,313,780	103,530,720	
19th	11·-	20	672,093	1,723,423	2,395,516	57,492,384	
20th	1"	15	18,427	1,253,816	1,272,243	30,533,832	
21st	"	20	"	1,669,364	1,669,364	40,064,730	
22nd	"	20	"	1,641,329	1,641,329	39,391,896	
23rd	"	20	"	1,669,364	1,669,364	40,064,730	
24th	3"	20	95,743	1,697,016	1,792,759	43,026,216	
25th	3"	20	95,743	1,697,016	1,792,759	43,026,216	
26th	1·10	20	1,901,393	1,612,548	3,513,941	84,334,584	
27th	2"	20	2,166,483	1,612,548	3,779,031	90,964,744	
28th	3·3	20	4,487,822	1,493,141	5,980,963	143,543,112	
29th	1·6	20	1,773,237	1,669,364	3,442,601	82,622,424	
30th	1·1	20	836,672	1,724,200	2,560,872	61,460,928	
			45,161,806	31,248,031	76,109,837	1,833,836,088	

Date	Depth of water on Crest	Number of Mains open	Discharge over Crest in Cubic yards per hour	Discharge through Mains in Cubic yards per hour	Total discharge in Cubic yards per hour	Total discharge in Cubic yards during 24 hours	Remarks
				October 1862			
1st	2"	20	52,120	1,719,520	1,771,640	42,519,360	
2d	1"	13	18,427	1,086,631	1,105,058	26,521,392	
3d	1"	8	18,427	668,696	687,123	16,490,952	
4th	0—10	14	"	1,183,448	1,883,448	28,402,752	
5th	2' 3"	14	"	1,076,600	1,076,600	25,838,400	
6th	4"	13	"	1,162,315	1,162,315	27,895,560	
7th	4"	11	"	929,752	929,752	22,314,048	
8th	2"	8	"	652,512	652,512	15,660,288	
9th	1"	10	"	845,320	845,320	20,287,680	
10th	3"	9	"	760,788	760,788	18,258,912	
11th	2'-5"	17	2,877,629	1,461,592	4,339,221	104,141,304	
12th	3'-9"	17	5,562,339	1,279,760	6,842,099	164,210,376	
13th	2' 2"	17	2,442,860	1,461,592	3,904,452	93,706,848	
14th	1' 3"	17	1,074,841	1,513,532	2,588,373	62,120,952	
15th	2' 8"	17	3,334,621	1,279,760	4,614,381	110,745,144	
16th	3' "	17	3,980,083	1,244,211	5,224,294	125,383,056	
17th	3' "	17	3980083	1,244,211	5224294	125383056	
18th	1' 11"	17	2,032,498	1,437,044	3,469,542	83,269,008	
19th	2' 0	17	2,166,483	1,556,652	3,723,135	89,355,240	
20th	1' 6"	17	1,407,169	1,485,800	2,892,969	69,431,256	
21st	1' 1"	17	836,672	1,465,570	2,302,242	55,253,808	
22d	1' 10"	17	1,901,393	1,370,666	3,272,059	78,529,416	
23d	1' "	17	764,966	1,513,532	2,278,498	54,683,952	
24th	" 10"	16	582,692	1,398,400	1,981,092	47,546,208	
25th	" 10"	15	582,692	1,311,000	1,893,692	45,448,608	
26th	1' 4"	17	1,179,282	1,513,532	2,692,814	64,627,536	
27th	10"	17	582,692	1,485,800	2,068,492	49,643,808	
28th	1' 3"	17	1,074,841	1,513,532	2,588,373	62,120,952	
29th	11"	17	672,093	1,465,570	2,137,663	51,303,912	
30th	5"	17	206,009	1,461,592	1,667,601	40,022,424	
31st	4"	17	147,410	1,461,592	1,609,002	38,616,048	
			37,478,322	41,010,522	77,488,844	1,859,732,256	

Date	Depth of water on Crest	Number of Mains open	Discharge over Crest in Cubic yards per hour	Discharge through Mains in Cubic yards per hour	Total discharge in Cubic yards per hour	Total discharge in Cubic yards during 24 hours	Remarks
				November 1862			
1st	1' 10"	17	1.901393	1,370,666	3,272,059	78,529,416	
2d	5"	17	206.009	1,412,020	1,618,029	38,832,696	
3d	5"	17	"	1,412,020	1,412,020	33,888,480	
4th	11"	17	"	1,386,588	1,386,588	33,278,112	
5th	4"	17	"	1,360,680	1,360,680	32,656,320	
6th	2"	17	"	1,307,300	1,307,300	31,375,200	
7th	2' 8"	17	"	1,251,676	1,251,676	30,040,224	
8th	2' 11"	17	"	1,193,400	1,193,400	28,641,600	
9th	3' "	17	"	1,193,400	1,193,400	28,641,600	
10th	flush	2	"	166,936	166,936	4,006,464	
11th	"	6	"	500,808	500,808	12,019,392	
12th	"	4	"	333,862	333,862	8,012,688	
13th	"	2	"	166,936	166,936	4,006,464	
14th	2"	2	"	177,592	177,592	4,262,208	
15th	1"	3	"	266,368	266,368	6,392,832	
16th	flush	3	"	250,404	250,404	6,009,696	
17th	"	2	"	166,936	166,936	4,006,464	
18th	"	1	"	83,468	83468	2,003,232	
19th	"	1	"	82,066	82,066	1,969,584	
20th	"	1	"	82,066	82,066	1,969,584	
24th	4"	1	"	75,976	75,976	1,823,424	
25th	flush	2	"	164,132	164,132	3,939,168	
26th	"	1	"	82,066	82,066	1,969,584	
27th	"	1	"	82,066	82,066	1,969,584	
			2,107,402	14,569,432	16,676,834	400,244,016	

Thence to the 2d of December 1862 None.

Abstract

	Discharge over Crest in Cubic yards per hour	Discharge through under Sluices in Cubic yards per hour.	Total discharge in Cubic yards per hour.	Total discharge in Cubic yards during the 8 days.	
1862		Kistna District			
May	37,011,500	3,196,800	40,208,300	964,999,200	
June	56,012,960	52,880,000	108,892,960	2,613,431,040	
July	385,566,960	89,280,000	474,846,960	11,396,327,040	
August	580,011,272	89,280,000	669,291,272	16,062,990,528	
September	469,811,440	86,400,000	556,211,440	13,349,074,560	
October	573,383,700	89,280,000	662,663,700	15,903,928,800	
November	101,643,480	59,176,000	160,819,480	3,859,667,520	
December	15,461,600	6,844,000	22,305,600	535,334,400	
Grand Total	2,218,902,912	476,336,800	2,695,239,712	64,685,753,088	*
1862		Nellore District			
May to August	"	"	"	"	
September	45161806	31248031	76409837	1833836088	
October	37478322	40010522	77488844	1859732256	
November	2107402	14569432	16676834	400244016	
December	"	"	"	"	
Grand Total	84747530	85827985	170575515	4093812360	*

* Equal to a fall of 2.38 inches over the whole drainage area of the Pennair - 42,000 Square miles

* Equal to a fall of 9.25 inches over the drainage area of Kistna - 80,000 Sq. miles

Supdg Engineer's Office
2d Div. Masulipatam
15 August 1862

C. Anderson Lieut
Supdg Engineer 2d Div.

No 69 Engineers Office
2d Div. Masulipatam
15th August 1863

From Lieut. J. C. Anderson R.E.
Sub Engineer 2d Div.

To Colonel H. J. Browood R.E.
Secretary to Government
Dr W.

Sir

I have the honor to forward a Memo shewing the discharges over the Kistna and Pollore Anicuts from May to December 1862, called for in your letter No 58 dated 18th Inst. 1863.

I have the honor to be
Sir
Your most Obed Servt
J. Anderson Lieut R.E.
Sub Engineer 2d Div.

L.R.

Enclosure in a letter
From R. Lushy Esqr
2d Assistant Collector
Secretary to Govt
No 69 dated 15th August 1863.

Memo shewing the discharges over the Kistna & Pollore Anicuts from May to December 1862.

3265

Sept
to Nov
No 3265
The Lapy Lagunier
& Du
To the Secretary
of State
Dated 15 August 63
Rec'd 17 Do
Read 24 Do B.1
No 69 A
Forwarding a Memo
showing the Exchange
over the Rebellion and
Rebel Counts
from May to December
1862.

No 41

9th Nov 63
Clerk