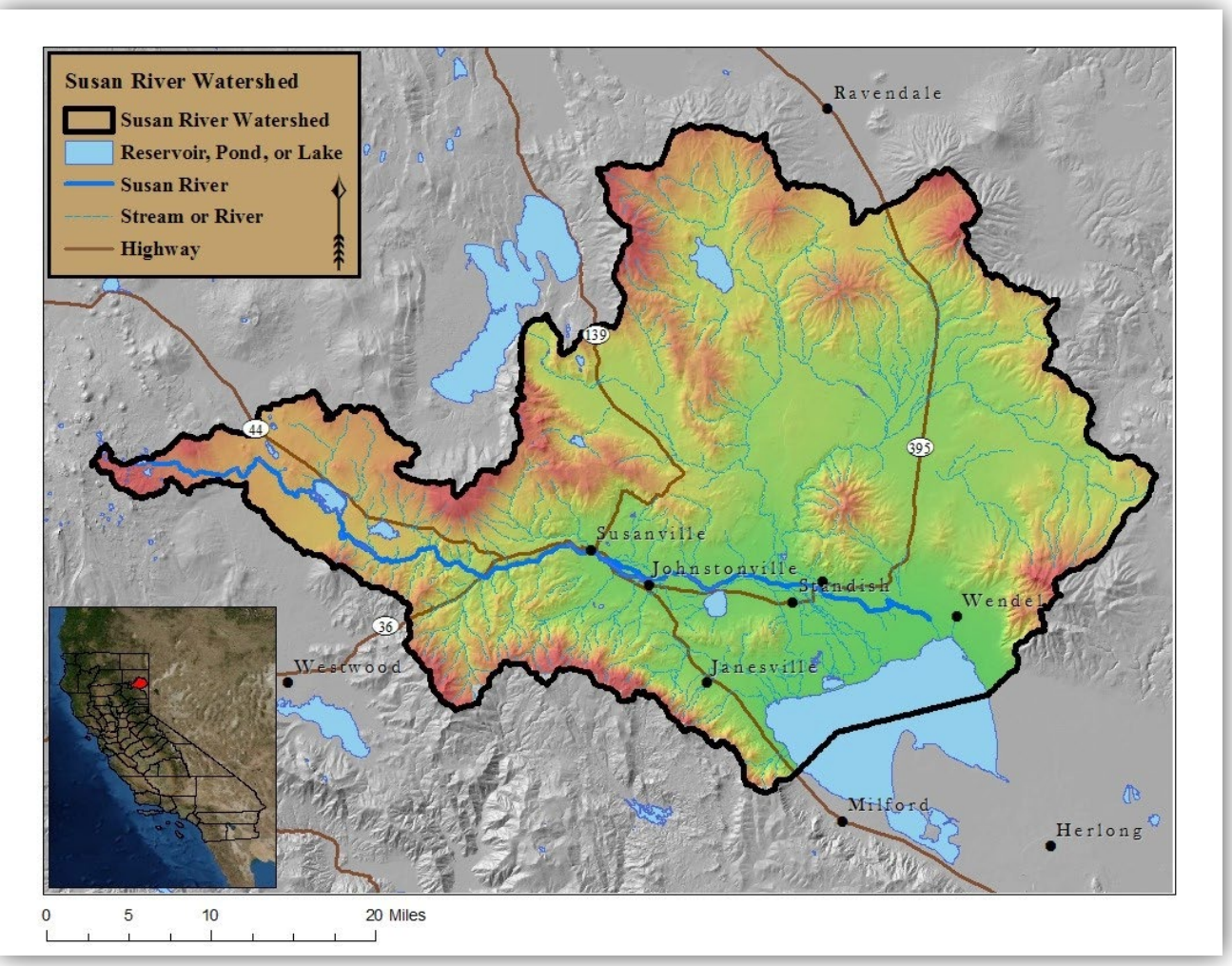
HONEY LAKE VALLEY RESOURCE CONSERVATION DISTRICT

SUSAN RIVER

WATERMASTER SERVICE AREA



ANNUAL USE REPORT - 2018/19

Susan River

Watermaster Service Area

Annual Use Report – 2018/19
Lassen County, California

Decree No.'s 4573, 8174 and 8175
Submitted by December 31, 2019 to
The Presiding Judge, Lassen County Superior Court

Prepared By:

Honey Lake Valley Resource Conservation District
170 Russell Ave.
Susanville, CA 96130

Contents

General Description:

The Susan River service area is located in the southern part of Lassen County in the vicinity of the town of Susanville. There are approximately 246 water right owners in the service area with total continuous allotments of 351.922 cubic feet per second in addition to storage rights held by several users. The source of supply is comprised of three stream systems as follows: Susan River, Baxter Creek, Parker Creek and their associated tributaries.

Susan River has its sources on the east slope of the Sierra Nevada Mountains in the southwesterly portion of Lassen County immediately east of Lassen National Park at an elevation of about 7,900 feet. Its channel runs easterly from Silver Lake through McCoy Flat Reservoir, through Susanville, and easterly on to Honey Lake.

Susan River has four major tributaries: Paiute Creek (entering from the north at Susanville), Gold Run and Lassen Creeks (entering from the south between Susanville and Johnstonville), and Willow Creek (entering from the north above Standish). Gold Run Creek and Lassen Creek rise on the north slope of Diamond Mountain at an elevation of about 7,600 feet. The watersheds of Paiute Creek and Willow Creek are lower and they rise on the south slopes of Round Valley Mountains.

A short distance below the confluence of Willow Creek and Susan River the river channel divides into three branches known as Tanner Slough Channel on the north, Old Channel in the middle, and Dill Slough Channel on the south. Two channels which take off of Dill Slough on the south are known as Hartson Slough and Whitehead Slough.

The Baxter Creek stream system is situated in Honey Lake Valley on the east slope of the Sierra Nevada about 10 miles southeast of Susanville in the southern portion of Lassen County. The principal streams in the Baxter Creek stream system are Baxter Creek (which rises in the extreme western portion of the basin and flows in an easterly direction), Elysian Creek, Sloss Creek, and Bankhead Creek (a tributary to Baxter Creek from the south). Elysian Creek has three tributaries: North Fork Elysian Creek, South Fork Elysian Creek, and Kanavel Creek.
Parker Creek is situated in Honey Lake Valley on the east slope of the Sierra Nevada about 15 miles southeast of Susanville in the southern portion of Lassen County. Its source is on the east

slope of Diamond Mountain and flows in an easterly direction for about 5 miles into Honey Lake. The primary area of water use in the Susan River service area is in Honey Lake Valley between Susanville and the northwest shore of Honey Lake, 25 miles in length. The valley floor is at an elevation of about 4,000 feet.

Water Supply:

The water supply in the Susan River service area comes from two major sources snowmelt runoff and springs. The snowpack on the Willow Creek Valley and Paiute Creek watersheds, which embrace more than half of the Susan River stream system, melts early in the spring and usually is entirely depleted by the first of May. The irrigation requirements from this portion of the stream system after the first of May are almost entirely dependent upon the flow of perennial springs which remain constant throughout the year. Under normal conditions, the flows of Lassen Creek, Gold Run Creek, Baxter Creek, Parker Creek, and the Susan River above Susanville are well sustained by melting snows until early June. The flow from perennial springs in this portion of the water system is comparatively small. The Lassen Irrigation Company stores supplemental water in Hog Flat Reservoir and McCoy Flat Reservoir, located on the headwaters of the Susan River. This stored water is released into the Susan River, which is used as a conveyance and commingled with the natural flow usually during June and July. It is then diverted into the A and B Canal leading to Lake Leavitt for further distribution by the irrigation district.

Methods of Distribution:

Irrigation in the Susan River service area is accomplished by placing diversion dams in the main channel of the stream system, to raise the water to the level required to divert into the canals, sloughs and ditches. These dams for diversion are relatively large on the Susan River compared to those on the smaller tributaries. Various methods of irrigation are practiced; the most common approach is by flooding. With this technique, water is transported by a main conveyance channel along the high point of the lands to be irrigated. It is then dispersed by

laterals along the higher ridges of the tract from which it can be distributed over the area to be irrigated by the smaller laterals of the ditch system. Sub-irrigation occurs in some areas incidental to surface irrigation or because of seepage from ditches or creek channels. During the past several years, numerous users have increased the usage of sprinkler irrigation by wheel lines to improve the efficiency of their irrigation systems.

Watermaster Activities and Fiscal Information:

The FY 18/19 Watermaster budget in the amount of $180,000 was adopted on May 23, 2018. Notification regarding the budget, apportionment and assessment were mailed to the users on June 6, 2018. There were no objections to the apportionment. The budget, apportionment, and assessments were approved and certified to the Lassen County Auditor and the Lassen County Supervisors prior to August 10, 2018.

An audit for FY 2018 has been completed and is available on the Honey Lake Valley RCD website.

2018/19 Water Allocation and Distribution:

The Susan River Watermaster Service Area experienced light precipitation, compared to average, October 2018 through December 2018 at 51%, 81%, and 53% of the average monthly precipitation. Precipitation increased where January 2019 experienced 139% of the average monthly precipitation amount, and February- 294%, March- 133%, April- 121%, and May- 152%. This high-water year, produced snowmelt through the spring of 2019. The general availability of water for the various stream systems is described below.

Parker Creek: First priority water rights were served through the Spring.

Baxter/Elysian Creek: First priority users of both Baxter Creek and Elysian Creek could divert their full allotment through mid-June at which time the available water dropped through mid-July.

Paiute Creek: The water supply in Paiute Creek continued through mid-summer.

Lassen Creek: There was sufficient water in Lassen Creek to meet the allocated water use until July, at which time it began to taper off.

Hills Creek: The water supply in Hills Creek continued into August.

Gold Run Creek: The water supply in Gold Run Creek fulfilled the water rights through mid-July, at which time it began to diminish. Stock water was available throughout the course of the Season.

Susan River: Full allocations were available until mid-June and diminished throughout the course of the season. Stock water was available through November and into the start of the 2019 Winter precipitation.

Lower Susan River Below the Confluence of Willow Creek: Full allocations were available until mid-June and slowed through the rest of the season. Stock water was available through November and into the start of the 2019 Winter precipitation.

Willow Creek: Full allocations were available through early June and slowly diminished during the season.

Bankhead/Sloss Creek: Irrigation water was available until late May.

LIC Storage Reservoirs: McCoy Flat reached full capacity by the start of irrigation season holding 12,000 acre-feet of water. LIC opened the headgate of McCoy on July 9, 2019, closing it on September 11, 2019. Approximately less than 250 acre-feet of water remains in the reservoir. Hog Flat reserved and remained at approximately 2,700 acre-feet of water and was not utilized.

Miscellaneous notable events:

1. The previous Watermaster, Mitch Otto, relocated and a new Watermaster was hired immediately, starting on May 28th, 2019. Carrie Adams holds a Bachelor's Degree in Geology and Environmental Science. She is a previous US Forest Service hydrology

employee, a local Susanville resident, and yields experience with water rights across Northern California and Nevada.

2. The Watermaster complaint filed on June 6, 2018 regarding the allowance of LIC to divert and store water simultaneously, resulted in a public hearing with the Watermaster Board held on October 8, 2018. The Board found that the District Manager, Ian Sims, and Watermaster, Mitch Otto, acted within their authority, and upheld their decision. The complainant, Jay Dow, appealed this decision to the Lassen County Superior Court, scheduling a hearing on January 15, 2019. On June 3, 2019, the Lassen County Superior Court released their decision denying the motion of the Dow-Bonomini 2013 Family Trust. This motion was appealed by the Trust on July 22, 2019.
3. There were two Watermaster complaints during the 2019 irrigation season, both filed by Jay Dow on July 26, 2019. The first complaint is regarding the Watermaster's, Carrie Adams, 2019 decision to not allow the transfer of the user's Schedule 4 and Schedule 5 water rights for use below the confluence of the Susan River and Willow Creek. The second complaint is the Watermaster's decision to not allow the 2019 use of 740 acre-feet of water described in the Barham Kelly 3037 Judgement. Two separate hearings were held before the Watermaster Advisory Committee (WAC), where the complainant's counsel was present. Both resulted in the WAC upholding the Watermaster's decision. These decisions were appealed by the complainant, Jay Dow and the Dow-Bonomini Family 2013 Trust and counsel, Brad Herrema with Brownstein Hyatt Farber Schreck, LLP. Following the RCD's regulations, public hearings were held before the Watermaster Board on November 4, 2019. In both cases, the Board voted to uphold the Watermaster's decision. The complainant has 30 days from the time that the written decision was issued, November 7, to appeal the Board's decisions to the Lassen County Superior Court. Until, and if, decided upon by the Court, the Board's decisions remain the final rulings on these two complaints.
4. Additionally, with regards to the transfer complaint described above, the Dow-Bonomini Family 2013 Trust filed with the Lassen County Superior Court a "Notice of Change of Diversion Points" on November 1, 2019. This was made an option by the Deputy Watermaster as it is the first step in the process to officially change the Points of Diversion.

5. On August 8, 2019 the WAC Lower Baxter Creek Representative resigned from his position. Two users were interested in the position, and as of September 19, 2019, Trevor Wood took over the term vacancy until January 1, 2022.

Appendices A-E

Numerical values are in cubic feet per second (cfs)

- = No Reading

Appendix A: Susan River at Susanville

SUSAN RIVER at SUSANVILLE

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	250	275	425	225	45	56	39	16
2	180	375	415	208	43	56	39	16
3	170	400	450	212	46	56	39	15
4	175	385	450	205	50	56	38	15
5	175	375	430	175	46	55	38	15
6	375	355	425	170	43	55	40	15
7	435	455	395	135	48	55	39	15
8	285	750	387	125	51	55	40	14
9	215	850	345	118	48	56	39	14
10	175	550	318	110	63	56	40	14
11	155	450	305	97	67	59	42	14
12	150	375	300	85	68	57	28	15
13	135	340	297	82	66	55	15	15
14	135	375	275	81	66	57	12	15
15	120	390	250	74	65	53	11	15
16	125	355	287	72	65	53	14	14
17	135	340	300	66	64	52	18	15
18	170	355	293	61	64	52	17	16
19	200	413	287	57	62	51	19	16
20	200	462	270	66	62	52	18	16
21	275	437	255	67	62	52	17	16
22	250	412	245	66	61	51	16	16
23	247	370	225	62	61	51	15	15
24	225	435	215	58	60	51	15	15
25	250	450	212	55	59	51	14	16
26	325	450	235	51	59	51	14	16
27	700	450	235	47	59	45	13	16
28	500	462	235	44	57	41	14	16
29	350	475	222	40	57	40	14	16
30	290	462	265	43	57	40	16	16
31	275		250		56	39		16

Appendix B: Susan River at the Confluence of Willow Creek

SUSAN RIVER at the CONFLUENCE of WILLOW CREEK

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	0	0	0	0	4	0	0	9
2	0	0	0	6	4	0	0	8
3	0	0	0	0	4	0	0	8
4	0	0	0	36	4	0	0	6
5	0	0	0	93	3	0	0	7
6	0	0	14	90	3	0	0	8
7	0	0	0	88	3	0	0	6
8	0	0	0	82	3	0	0	7
9	0	0	0	79	3	0	0	5
10	0	0	0	71	3	0	1	7
11	0	0	20	55	3	0	3	9
12	0	0	12	45	3	0	3	7
13	20	0	27	31	3	0	2	7
14	59	0	28	26	3	0	1	9
15	90	0	74	22	3	0	0	9
16	88	0	19	35	4	-	2	8
17	89	0	15	34	4	0	1	7
18	93	0	16	21	3	0	4	10
19	28	0	44	17	3	0	5	7
20	0	0	84	31	3	0	3	12
21	0	0	93	23	2	0	4	13
22	0	0	88	26	4	0	2	9
23	0	0	87	7	0	0	1	7
24	0	0	84	19	0	0	3	7
25	0	0	84	9	0	0	3	13
26	0	0	87	8	0	0	3	8
27	0	0	80	7	0	3	2	6
28	0	0	60	6	0	4	3	10
29	0	0	32	6	0	0	7	9
30	0	0	0	5	2	0	8	7
31	0		0		3	0		6

Note: The March through early June gauge readings are read inaccurately by the California Department of Water Resources gauge, due to their high velocities; showing here as zeros or a low numerical cfs.

Appendix C: Willow Creek at the Confluence of the Susan River

WILLOW CREEK at the CONFLUENCE of the SUSAN RIVER

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	0	0	0	71	11	6	6	15
2	0	0	0	64	10	6	5	14
3	0	0	0	64	11	6	5	13
4	0	0	0	61	11	6	5	12
5	0	0	0	44	10	6	6	13
6	0	0	18	35	10	6	6	13
7	0	0	16	30	10	6	5	13
8	0	0	61	23	10	6	6	13
9	0	0	80	21	11	6	5	13
10	0	0	66	19	10	6	6	13
11	0	0	58	17	11	6	6	14
12	0	0	58	16	11	6	6	15
13	0	0	56	15	11	6	6	15
14	0	0	54	15	11	6	6	15
15	51	0	42	14	11	6	6	16
16	90	0	63	15	10	-	7	15
17	89	0	59	14	10	6	7	15
18	90	0	56	13	10	5	7	16
19	4	0	54	12	9	5	8	16
20	0	0	49	13	9	5	8	16
21	0	0	40	12	9	5	8	16
22	0	0	39	12	8	6	7	15
23	0	0	28	10	8	6	8	14
24	0	0	26	11	8	6	10	14
25	0	0	25	11	7	6	14	14
26	0	0	31	11	7	6	12	13
27	0	0	43	11	7	7	11	12
28	0	0	54	11	7	7	12	13
29	0	0	60	11	7	5	13	13
30	0	0	68	10	7	5	15	13
31	0		81		7	6		12

Note: The March through early May gauge readings are read inaccurately by the California Department of Water Resources gauge, due to their high velocities; showing here as zeros or a low numerical cfs.

Appendix D: McCoy Flat Reservoir Outflows

MCCOY FLAT RESERVOIR OUTFLOWS

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	-	-	-	-	5.09	36.7	21.8	-
2	-	-	-	-	14.4	36.7	21.8	-
3	-	-	-	-	15.4	36.7	21.8	-
4	-	-	-	-	15.4	36.7	21.8	-
5	-	-	-	-	15.4	36.7	21.8	-
6	-	-	-	-	18.5	35.4	21.2	-
7	-	-	-	18.5	18.5	35.4	21.2	-
8	-	-	-	18.5	18.5	35.4	21.2	-
9	-	-	-	18.5	38.1	35.4	21.2	-
10	-	-	-	18.5	38.8	34.7	21.2	-
11	-	-	-	12.6	38.8	34.7	closed	-
12	-	-	-	12.6	38.8	34.7	-	-
13	-	-	-	12.6	38.8	34.7	-	-
14	-	-	-	1.2	40.2	34.7	-	-
15	-	-	-	1.2	40.2	34.7	-	-
16	-	-	-	1.2	38.8	34	-	-
17	-	-	-	0	38.8	34	-	-
18	-	-	-	0	38.8	34	-	-
19	-	-	-	20.6	38.8	34	-	-
20	-	-	-	20.6	38.8	34	-	-
21	-	-	-	20.6	38.8	34	-	-
22	-	-	-	20.6	38.8	34	-	-
23	-	-	-	20.6	38.8	24	-	-
24	-	-	-	12.1	38.1	24	-	-
25	-	-	-	12.1	38.1	24	-	-
26	-	-	-	9.16	38.1	24	-	-
27	-	-	-	9.16	38.1	22.9	-	-
28	-	-	-	5.09	37.4	22.9	-	-
29	-	-	-	5.09	37.4	22.9	-	-
30	-	-	-	5.09	37.4	22.9	-	-
31	-		-		37.4	-		-

Note: 'Closed' indicates the closure of the McCoy Flat headgate.

Appendix E: Susan River Watermaster Spot Checks

DIVERSION # 11

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	-	-	-	-	8.47	2.62	3.26	2.40
2	-	-	-	-	8.47	2.75	3.26	2.40
3	-	-	-	-	8.47	2.75	3.26	1.60
4	-	-	-	-	8.47	2.75	3.26	2.40
5	-	-	-	-	7.39	3.30	3.17	2.40
6	-	-	-	-	7.39	3.30	3.17	2.40
7	-	-	-	-	7.39	3.06	3.17	2.40
8	-	-	-	-	6.56	3.06	3.17	1.18
9	-	-	-	-	5.26	3.24	3.17	1.70
10	-	-	-	-	5.26	3.24	3.17	2.20
11	-	-	-	-	5.26	3.24	3.17	2.20
12	-	-	-	-	5.20	3.24	2.42	2.20
13	-	-	-	-	5.20	3.24	2.42	2.20
14	-	-	-	-	5.20	2.83	2.42	2.20
15	-	-	-	-	4.74	2.83	2.42	1.30
16	-	-	-	-	4.74	2.83	2.42	2.60
17	-	-	-	5.94	4.74	2.83	2.20	2.60
18	-	-	-	5.94	4.74	2.83	2.20	2.60
19	-	-	-	5.94	5.61	2.83	2.20	2.60
20	-	-	-	5.94	5.61	2.50	3.22	2.42
21	-	-	-	5.94	5.61	2.50	3.22	1.20
22	-	-	-	5.94	5.61	2.50	3.22	4.80
23	-	-	-	5.94	6.34	2.50	1.76	2.60
24	-	-	-	5.94	6.34	2.50	1.76	2.83
25	-	-	-	6.22	6.34	2.50	2.58	2.60
26	-	-	-	6.22	9.22	1.60	2.58	2.51
27	-	-	-	6.22	4.64	2.00	2.58	2.51
28	-	-	-	6.22	2.79	4.41	2.58	2.51
29	-	-	-	6.22	2.62	4.41	2.58	1.00
30	-	-	-	6.22	2.62	3.26	2.58	2.42
31	-		-		2.62	3.26		4.80

DIVERSION # 41

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	-	-	-	-	12.73	-	-	-
2	-	-	-	-	12.73	-	-	-
3	-	-	-	-	-	-	16.43	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	28.75	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	29.52	-	-
8	-	-	-	-	18.15	-	-	-
9	-	-	-	-	-	30.25	-	-
10	-	-	-	-	-	30.25	-	-
11	-	-	-	-	38.11	30.25	-	-
12	-	-	-	41.55	37	30.25	12.5	-
13	-	-	-	49.72	-	30.14	-	-
14	-	-	-	56.43	-	-	-	-
15	-	-	-	-	34.65	29.9	-	-
16	-	-	-	-	35.43	-	-	-
17	-	-	-	31.61	36.77	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	16.75	-	-	no weir flow	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	33.64	-	-	-
24	-	-	-	12.02	-	-	-	-
25	-	-	-	17.38	30.59	-	-	-
26	-	-	-	19.29	29.82	-	-	-
27	-	-	-	-	-	21.64	-	-
28	-	-	-	-	31.77	-	-	-
29	-	-	-	-	-	15.21	-	-
30	-	-	-	-	-	-	-	-
31	-		-		-	-		-

Note: 'No weir flow' over the dam boards prevents a precise measurement and is due to low flow and little diversion of water into AB Canal.

DIVERSION # 45

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	-	-	-	-	1.28	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	0	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	1.11	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	1.11	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	1.67	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	1.28	2.56	-	-	-
26	-	-	-	-	2.56	-	-	-
27	-	-	-	-	0	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-		-		-	-		-

DIVERSION # 46

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	-	-	-	-	2	0	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	0
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	0	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	0	-	-	-	-
15	-	-	-	-	0	-	-	-
16	-	-	-	-	0	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	2.67	2.1	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	2.1	-	1.3	-
24	-	-	-	3.1	2.1	-	-	0
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	0	-
27	-	-	-	-	-	-	0	-
28	-	-	-	-	-	0	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-		-		-	-		-

DIVERSION # 51

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	-	-	-	-	3.53	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	0.38	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	0.47	-	-	-
9	-	-	-	-	-	0	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	0.47	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	1.24	-	-	-	-
15	-	-	-	-	0.46	-	-	-
16	-	-	-	-	0.42	-	-	-
17	-	-	-	2.48	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	10.3	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	0.42	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	13.5	-	-	1.64	-
25	-	-	-	8	0.38	-	-	-
26	-	-	-	-	-	0	1.64	-
27	-	-	-	-	-	-	1.64	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-		-		-	-		-

DIVERSION # 82

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	-	-	-	-	-	-	-	-
2	-	-	-	-	4.7	-	-	1.9
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	1.7	-	-
6	-	-	-	-	4.7	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	4.9	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	1.5	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	6.2	5	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	7.1	5.3	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	4.25	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	7.8	-	-	-	-
22	-	-	-	-	4	-	-	2.35
23	-	-	-	-	-	-	-	-
24	-	-	-	8.4	-	-	-	-
25	-	-	-	8.4	-	-	-	-
26	-	-	-	8.4	-	-	-	-
27	-	-	-	-	3.7	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-		-		-	-		-

DIVERSION # 84

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	-	-	-	-	1.44	-	-	-
2	-	-	-	-	-	0.12	-	6.6
3	-	-	-	239.39	-	-	0	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	0	-	-
6	-	-	-	230.59	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	0.34	-	-	-
9	-	-	-	-	-	-	0	-
10	-	-	-	230.59	0.23	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	0	-	-
13	-	-	252.82	21.05	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	0.23	-	-	-
16	-	-	230.59	-	-	-	-	-
17	-	-	-	4.07	-	-	-	-
18	-	-	-	-	0	-	-	-
19	-	-	-	-	-	0	-	-
20	-	-	204.67	-	-	-	-	-
21	-	-	-	9.88	-	-	-	-
22	-	-	-	-	0.8	-	-	7.67
23	-	-	-	-	-	-	-	-
24	-	-	213.18	1.17	-	-	-	-
25	-	-	-	-	0.63	-	-	-
26	-	-	-	-	-	0	-	-
27	-	-	198.27	1.44	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	0.48	-	-	-
30	-	-	-	-	-	-	-	-
31	-		248.29		-	-		-

DIVERSION # 112

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	-	-	-	-	0	-	-	-
2	-	18.77	12.45	-	-	0	-	0.45
3	-	-	-	15.46	-	-	0	-
4	23.68	-	-	-	-	-	-	-
5	-	-	-	-	-	0	-	-
6	-	-	11.79	15.46	-	-	-	-
7	24.96	-	-	-	-	-	-	-
8	-	18.77	-	-	0	-	-	-
9	-	-	-	-	-	-	0	-
10	-	-	11.21	11.21	0	-	-	-
11	22.04	-	-	-	-	-	-	-
12	-	15.01	-	-	-	0	-	-
13	-	-	9.77	5.73	-	-	-	-
14	18.77	-	-	-	-	-	-	-
15	-	15.01	-	-	0	-	-	1.54
16	-	-	9.77	-	-	-	0	-
17	-	-	-	3.49	-	-	-	-
18	18.77	15.01	-	-	0	-	-	-
19	-	-	-	-	-	0	-	-
20	-	-	9.26	-	-	-	-	-
21	18.77	-	-	1.79	-	-	-	-
22	-	12.45	-	-	0	-	-	2.07
23	-	-	-	-	-	-	-	-
24	-	-	11.21	1.26	-	-	-	-
25	18.77	-	-	-	0	-	-	-
26	-	12.45	-	-	-	0	-	-
27	-	-	11.79	0	-	-	-	-
28	-	-	-	-	-	-	-	0.74
29	18.77	12.45	-	-	0	-	-	-
30	-	-	-	-	-	-	-	0.74
31	-		12.91		-	-		-