

Early Morning Stream Flow Route

Wasatch Front -- 6 Creeks

June 4, 1997

By: Dan Schenck and Larry Alserda

CITY CREEK GAGE HEIGHTS:

5 A.M. AVERAGE	PEAK	TIME OF PEAK
2.41	2.42	2.43 2 AM

CITY CREEK FLOWS (CFS)

5 A.M. AVERAGE	PEAK	TIME OF PEAK
32.59	33.12	33.66 2 AM

CITY CREEK TREATMENT PLANT (CFS)

23.21	23.21	23.21
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TOTAL CREEK FLOWS:

55.8	56.3	56.9
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RED BUTTE GAGE HEIGHTS:

5 A.M. AVERAGE	PEAK	TIME OF PEAK
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RED BUTTE FLOWS (CFS)

5 A.M. AVERAGE	PEAK	TIME OF PEAK
0.00	0.00	0.00 0

EMIGRATION GAGE HEIGHTS (AT .5' WEIR CREST):

5 A.M. AVERAGE	PEAK	TIME OF PEAK
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EMIGRATION FLOWS (CFS)

5 A.M. AVERAGE	PEAK	TIME OF PEAK
0.0	0.0	0.0 0

PARLEY'S GAGE HEIGHTS - (SUICIDE ROCK)

5 A.M. AVERAGE	PEAK	TIME OF PEAK
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PARLEY'S FLOWS (CFS)

5 A.M. AVERAGE	PEAK	TIME OF PEAK
0.0	0.0	0.0 0

PARLEY'S TREATMENT PLANT FLOWS (CFS)

MT. DELL

COMPUTATIONS:

PREVIOUS AF	2137.10	PREVIOUS AF	17630
TODAY'S AF	2119.40	TODAY'S AF	17744
NET AF	-17.70	NET AF	114.00
NET CFS	-8.92	NET CFS	57.48

LITTLE DELL

COMPUTATIONS:

BYPASS (CFS)

0	0	0
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STORAGE/DRAWN MT.DELL(CFS)

-8.92	-8.92	-8.92
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STORAGE/DRAWN LITTLE DELL(CFS)

57.5	57.5	57.5
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TOTAL PARLEY'S (CFS)

*** Parleys stream reads discontinued

MILLCREEK GAGE HEIGHTS:

5 A.M. AVERAGE	PEAK	TIME OF PEAK
1.98	1.97	2 8 PM

MILLCREEK FLOWS (CFS)

5 A.M. AVERAGE	PEAK	TIME OF PEAK
67.4	66.3	69.3 8 PM

LOWER BOUNDARY SPRINGS (CFS)

0	0	0
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UPPER BOUNDARY SPRINGS (CFS)

0.53	0.53	0.53
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MILLCREEK TOTAL FLOWS (CFS)

68.0	66.9	69.8
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BIG COTTONWOOD GAGE HEIGHTS:

5 A.M. AVERAGE	PEAK	TIME OF PEAK
2.66	2.51	2.69 3 AM

BIG COTTONWOOD FLOWS (CFS)

413.0	375.7	420.6
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POWERHOUSE USAGE (CFS)

41.30	42.70	42.01
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BIG COTTONWOOD TOTAL FLOWS (CFS)

454.3	418.4	462.6
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time of peak 3 AM

LITTLE COTTONWOOD GAGE HEIGHTS:

5 A.M. AVERAGE	PEAK	TIME OF PEAK
2.7	2.45	2.98 8 PM

LITTLE COTTONWOOD FLOWS (CFS)

301.4	259.2	351.2
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POWERHOUSE USAGE (CFS)

174.20	173.46	175.04
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LITTLE COTTONWOOD TOTAL FLOWS (CFS)

475.6	432.7	526.2
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time of peak 8 PM

Murray power MWH

5 A.M. AVERAGE	PEAK	TIME OF PEAK
4.977	4.956	5.001 3 PM