



Pre-Permitting Environmental / Socio-Economic Data Report Series

Report Series B-Surface Water Hydrology

Report B-5

Pebble Project Streamflow Data

South Fork Koktuli River – Mainstem, Gaging Station SK100B1

October 31, 2005 - September 30, 2007

Rev 0 - April 30, 2008

Submitted to the Alaska Department of Natural Resources May 2008

Preliminary data. Do not cite or quote.

The Pebble Partnership is providing environmental and socio-economic baseline data collected to inform the development of the Pebble Project to state and federal agencies, project stakeholders and the general public prior to project permitting as part of its commitment to full and open disclosure.

A comprehensive Environmental Baseline Document (EBD) will subsequently be prepared and appended to future project permit applications. The EBD will also be made publicly available when complete.

Prepared for the Pebble Limited Partnership by

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Pebble Project Streamflow Data
South Fork Koktuli River - Mainstem
Gaging Station SK100B1
 Rev 0 - April 30, 2008

Preliminary Data. Do Not Cite or Quote.

Daily Discharge Record (cfs)

Monthly Discharge by Water Year (cfs)

Date	Discharge
31-Oct-05	121.4
1-Nov-05	117.5
2-Nov-05	115.6
3-Nov-05	115.0
4-Nov-05	115.0
5-Nov-05	111.8
6-Nov-05	108.6
7-Nov-05	108.6
8-Nov-05	105.4
9-Nov-05	95.8
10-Nov-05	95.8
11-Nov-05	92.6
12-Nov-05	89.4
13-Nov-05	89.4
14-Nov-05	86.2
15-Nov-05	83.0
16-Nov-05	84.3
17-Nov-05	90.7
18-Nov-05	88.8
19-Nov-05	85.6
20-Nov-05	83.0
21-Nov-05	79.9
22-Nov-05	76.7
23-Nov-05	76.7
24-Nov-05	73.5
25-Nov-05	70.3
26-Nov-05	70.3
27-Nov-05	67.1
28-Nov-05	63.9
29-Nov-05	63.9
30-Nov-05	60.7
1-Dec-05	60.7
2-Dec-05	57.5

Month	Water Year		
	2004-05	2005-06	2006-07
Oct	--	--	325.4
Nov	--	88.8	76.3
Dec	--	86.3	47.0
Jan	--	44.4	34.2
Feb	--	30.8	29.6
Mar	--	24.6	18.8
Apr	--	20.8	40.0
May	--	365.3	164.6
Jun	--	194.7	75.3
Jul	--	100.7	43.9
Aug	--	254.6	44.1
Sep	--	228.6	246.5
Year	--	--	148.0

3-Dec-05	57.5
4-Dec-05	54.3
5-Dec-05	54.3
6-Dec-05	51.1
7-Dec-05	63.9
8-Dec-05	146.9
9-Dec-05	164.8
10-Dec-05	152.7
11-Dec-05	131.0
12-Dec-05	115.0
13-Dec-05	86.2
14-Dec-05	81.8
15-Dec-05	87.5
16-Dec-05	121.4
17-Dec-05	102.2
18-Dec-05	95.2
19-Dec-05	97.7
20-Dec-05	92.6
21-Dec-05	86.2
22-Dec-05	82.4
23-Dec-05	79.2
24-Dec-05	76.0
25-Dec-05	73.5
26-Dec-05	71.5
27-Dec-05	69.0
28-Dec-05	67.1
29-Dec-05	68.4
30-Dec-05	65.8
31-Dec-05	62.0
1-Jan-06	60.7
2-Jan-06	59.4
3-Jan-06	58.8
4-Jan-06	56.2
5-Jan-06	53.0
6-Jan-06	51.1
7-Jan-06	49.8
8-Jan-06	48.6
9-Jan-06	47.3
10-Jan-06	46.0
11-Jan-06	44.7
12-Jan-06	44.7
13-Jan-06	44.1
14-Jan-06	43.4
15-Jan-06	43.4
16-Jan-06	42.8
17-Jan-06	42.2
18-Jan-06	41.5
19-Jan-06	41.5
20-Jan-06	40.9
21-Jan-06	40.2
22-Jan-06	39.6
23-Jan-06	39.0

24-Jan-06	38.3
25-Jan-06	38.3
26-Jan-06	37.7
27-Jan-06	37.7
28-Jan-06	37.1
29-Jan-06	37.1
30-Jan-06	36.4
31-Jan-06	35.8
1-Feb-06	35.1
2-Feb-06	34.5
3-Feb-06	33.9
4-Feb-06	33.2
5-Feb-06	32.6
6-Feb-06	31.9
7-Feb-06	31.9
8-Feb-06	31.9
9-Feb-06	31.9
10-Feb-06	31.3
11-Feb-06	31.3
12-Feb-06	31.3
13-Feb-06	31.3
14-Feb-06	30.7
15-Feb-06	30.7
16-Feb-06	30.7
17-Feb-06	30.7
18-Feb-06	30.0
19-Feb-06	29.4
20-Feb-06	29.4
21-Feb-06	29.4
22-Feb-06	29.4
23-Feb-06	28.7
24-Feb-06	28.7
25-Feb-06	28.7
26-Feb-06	28.1
27-Feb-06	28.1
28-Feb-06	28.1
1-Mar-06	27.5
2-Mar-06	27.5
3-Mar-06	27.5
4-Mar-06	26.8
5-Mar-06	26.8
6-Mar-06	26.8
7-Mar-06	26.2
8-Mar-06	26.2
9-Mar-06	25.6
10-Mar-06	25.6
11-Mar-06	25.6
12-Mar-06	24.9
13-Mar-06	24.9
14-Mar-06	24.9
15-Mar-06	24.3
16-Mar-06	24.3

17-Mar-06	24.3
18-Mar-06	24.3
19-Mar-06	23.6
20-Mar-06	23.6
21-Mar-06	23.6
22-Mar-06	23.6
23-Mar-06	23.0
24-Mar-06	23.0
25-Mar-06	23.0
26-Mar-06	23.0
27-Mar-06	22.4
28-Mar-06	22.4
29-Mar-06	22.4
30-Mar-06	23.0
31-Mar-06	22.4
1-Apr-06	22.4
2-Apr-06	22.4
3-Apr-06	22.4
4-Apr-06	22.4
5-Apr-06	22.4
6-Apr-06	21.7
7-Apr-06	21.7
8-Apr-06	21.7
9-Apr-06	21.7
10-Apr-06	21.7
11-Apr-06	21.7
12-Apr-06	21.7
13-Apr-06	21.7
14-Apr-06	21.7
15-Apr-06	21.1
16-Apr-06	21.1
17-Apr-06	21.1
18-Apr-06	21.1
19-Apr-06	21.1
20-Apr-06	21.1
21-Apr-06	20.4
22-Apr-06	20.4
23-Apr-06	19.8
24-Apr-06	19.8
25-Apr-06	19.2
26-Apr-06	19.2
27-Apr-06	18.5
28-Apr-06	18.5
29-Apr-06	17.9
30-Apr-06	17.9
1-May-06	17.1
2-May-06	18.0
3-May-06	20.6
4-May-06	25.1
5-May-06	29.4
6-May-06	30.2
7-May-06	27.8

8-May-06	25.1
9-May-06	26.6
10-May-06	31.9
11-May-06	38.8
12-May-06	53.8
13-May-06	59.2
14-May-06	92.5
15-May-06	132.1
16-May-06	158.7
17-May-06	234.2
18-May-06	335.1
19-May-06	284.5
20-May-06	241.1
21-May-06	318.0
22-May-06	604.0
23-May-06	1044.7
24-May-06	1136.7
25-May-06	1050.8
26-May-06	1068.4
27-May-06	1180.8
28-May-06	1107.1
29-May-06	827.9
30-May-06	623.0
31-May-06	481.5
1-Jun-06	359.0
2-Jun-06	323.8
3-Jun-06	309.7
4-Jun-06	280.0
5-Jun-06	236.8
6-Jun-06	209.0
7-Jun-06	201.4
8-Jun-06	211.4
9-Jun-06	215.9
10-Jun-06	208.1
11-Jun-06	221.3
12-Jun-06	212.0
13-Jun-06	197.1
14-Jun-06	178.9
15-Jun-06	170.1
16-Jun-06	239.8
17-Jun-06	238.6
18-Jun-06	191.9
19-Jun-06	165.4
20-Jun-06	150.3
21-Jun-06	142.2
22-Jun-06	138.2
23-Jun-06	177.7
24-Jun-06	152.1
25-Jun-06	135.7
26-Jun-06	123.2
27-Jun-06	115.3
28-Jun-06	108.0

29-Jun-06	103.6
30-Jun-06	125.5
1-Jul-06	154.3
2-Jul-06	145.8
3-Jul-06	136.9
4-Jul-06	126.2
5-Jul-06	121.5
6-Jul-06	122.0
7-Jul-06	126.8
8-Jul-06	135.8
9-Jul-06	129.1
10-Jul-06	117.9
11-Jul-06	113.1
12-Jul-06	108.5
13-Jul-06	108.0
14-Jul-06	105.2
15-Jul-06	115.8
16-Jul-06	107.9
17-Jul-06	101.5
18-Jul-06	98.4
19-Jul-06	96.3
20-Jul-06	93.6
21-Jul-06	88.9
22-Jul-06	86.0
23-Jul-06	71.3
24-Jul-06	69.9
25-Jul-06	75.3
26-Jul-06	67.3
27-Jul-06	62.4
28-Jul-06	59.4
29-Jul-06	59.5
30-Jul-06	58.3
31-Jul-06	57.8
1-Aug-06	56.2
2-Aug-06	64.9
3-Aug-06	71.8
4-Aug-06	98.1
5-Aug-06	94.8
6-Aug-06	94.2
7-Aug-06	81.5
8-Aug-06	73.6
9-Aug-06	71.3
10-Aug-06	89.5
11-Aug-06	190.7
12-Aug-06	323.4
13-Aug-06	230.2
14-Aug-06	322.9
15-Aug-06	511.7
16-Aug-06	374.0
17-Aug-06	304.1
18-Aug-06	521.3
19-Aug-06	691.7

20-Aug-06	495.0
21-Aug-06	377.4
22-Aug-06	459.4
23-Aug-06	396.7
24-Aug-06	329.2
25-Aug-06	296.5
26-Aug-06	255.7
27-Aug-06	230.8
28-Aug-06	209.8
29-Aug-06	193.5
30-Aug-06	190.6
31-Aug-06	191.7
1-Sep-06	173.9
2-Sep-06	159.9
3-Sep-06	152.2
4-Sep-06	150.5
5-Sep-06	151.5
6-Sep-06	142.3
7-Sep-06	137.5
8-Sep-06	278.3
9-Sep-06	316.1
10-Sep-06	232.0
11-Sep-06	194.7
12-Sep-06	173.7
13-Sep-06	163.8
14-Sep-06	372.2
15-Sep-06	360.2
16-Sep-06	288.3
17-Sep-06	240.8
18-Sep-06	218.5
19-Sep-06	210.5
20-Sep-06	209.7
21-Sep-06	224.9
22-Sep-06	314.7
23-Sep-06	305.5
24-Sep-06	287.8
25-Sep-06	252.0
26-Sep-06	239.7
27-Sep-06	250.5
28-Sep-06	239.6
29-Sep-06	216.9
30-Sep-06	200.7
1-Oct-06	194.0
2-Oct-06	245.7
3-Oct-06	242.3
4-Oct-06	290.8
5-Oct-06	288.0
6-Oct-06	311.7
7-Oct-06	427.6
8-Oct-06	544.5
9-Oct-06	538.4
10-Oct-06	562.6

11-Oct-06	617.7
12-Oct-06	538.7
13-Oct-06	464.6
14-Oct-06	397.4
15-Oct-06	352.1
16-Oct-06	347.3
17-Oct-06	323.4
18-Oct-06	299.6
19-Oct-06	304.1
20-Oct-06	356.4
21-Oct-06	309.5
22-Oct-06	274.1
23-Oct-06	237.3
24-Oct-06	242.0
25-Oct-06	226.5
26-Oct-06	199.1
27-Oct-06	157.1
28-Oct-06	195.1
29-Oct-06	213.6
30-Oct-06	206.0
31-Oct-06	181.6
1-Nov-06	145.7
2-Nov-06	135.4
3-Nov-06	127.8
4-Nov-06	113.1
5-Nov-06	110.5
6-Nov-06	108.6
7-Nov-06	105.4
8-Nov-06	102.2
9-Nov-06	95.8
10-Nov-06	92.6
11-Nov-06	89.4
12-Nov-06	86.2
13-Nov-06	83.0
14-Nov-06	76.7
15-Nov-06	70.3
16-Nov-06	60.7
17-Nov-06	57.5
18-Nov-06	57.5
19-Nov-06	54.3
20-Nov-06	51.1
21-Nov-06	51.1
22-Nov-06	49.8
23-Nov-06	47.9
24-Nov-06	46.0
25-Nov-06	44.7
26-Nov-06	44.7
27-Nov-06	44.7
28-Nov-06	44.7
29-Nov-06	44.7
30-Nov-06	47.9
1-Dec-06	47.9

2-Dec-06	49.8
3-Dec-06	49.8
4-Dec-06	51.1
5-Dec-06	51.1
6-Dec-06	54.3
7-Dec-06	56.9
8-Dec-06	52.4
9-Dec-06	49.2
10-Dec-06	47.9
11-Dec-06	48.6
12-Dec-06	47.9
13-Dec-06	47.9
14-Dec-06	47.9
15-Dec-06	46.0
16-Dec-06	46.0
17-Dec-06	46.0
18-Dec-06	46.0
19-Dec-06	46.0
20-Dec-06	44.7
21-Dec-06	44.7
22-Dec-06	44.7
23-Dec-06	44.7
24-Dec-06	44.7
25-Dec-06	44.7
26-Dec-06	43.4
27-Dec-06	43.4
28-Dec-06	43.4
29-Dec-06	43.4
30-Dec-06	41.5
31-Dec-06	41.5
1-Jan-07	41.5
2-Jan-07	41.5
3-Jan-07	39.6
4-Jan-07	39.6
5-Jan-07	39.6
6-Jan-07	38.3
7-Jan-07	38.3
8-Jan-07	38.3
9-Jan-07	38.3
10-Jan-07	37.1
11-Jan-07	37.1
12-Jan-07	35.1
13-Jan-07	35.1
14-Jan-07	33.2
15-Jan-07	33.2
16-Jan-07	33.2
17-Jan-07	31.9
18-Jan-07	31.9
19-Jan-07	31.9
20-Jan-07	30.7
21-Jan-07	30.7
22-Jan-07	30.7

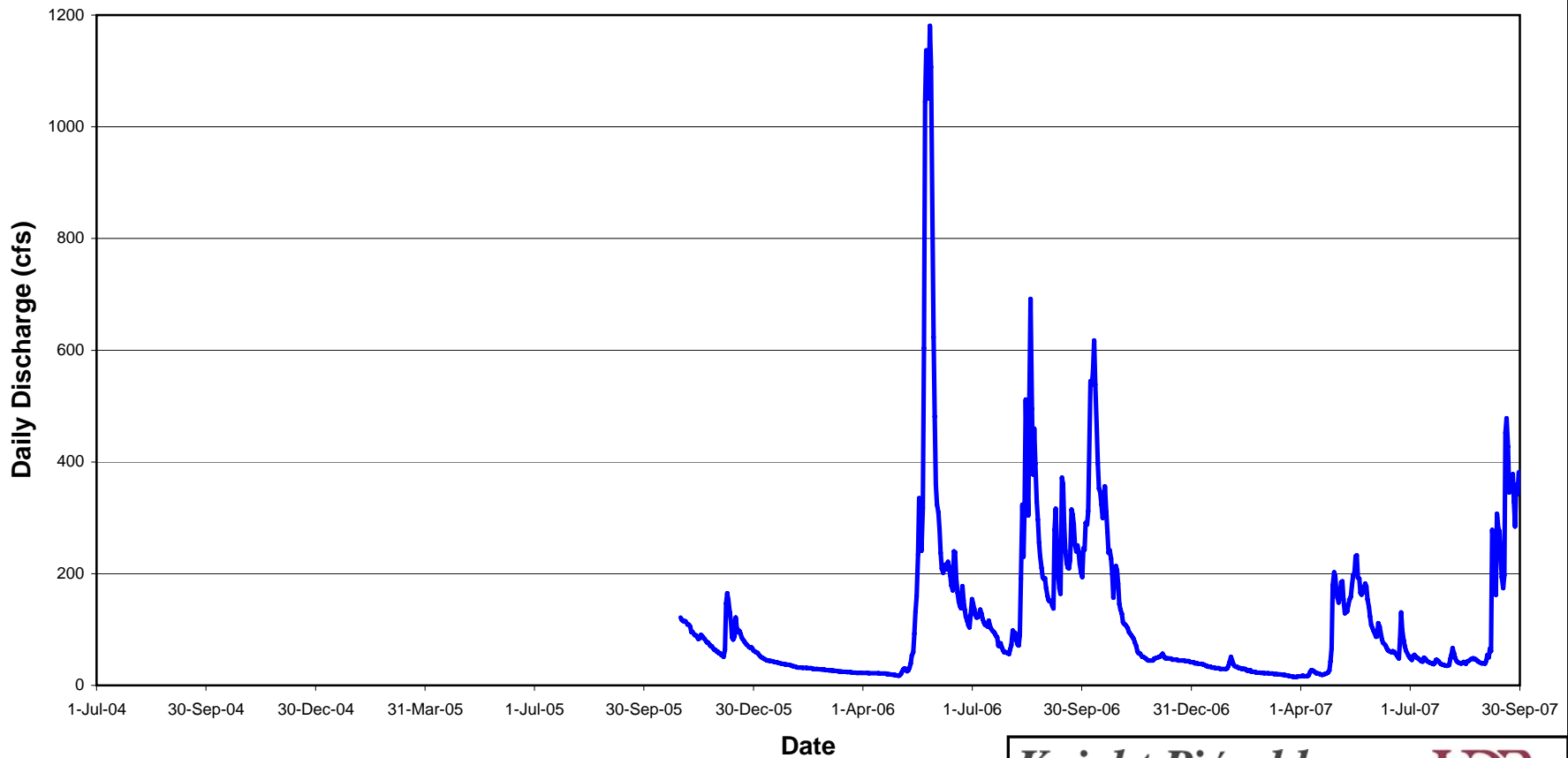
23-Jan-07	30.7
24-Jan-07	29.4
25-Jan-07	29.4
26-Jan-07	29.4
27-Jan-07	29.4
28-Jan-07	29.4
29-Jan-07	29.4
30-Jan-07	30.7
31-Jan-07	35.1
1-Feb-07	41.5
2-Feb-07	51.1
3-Feb-07	44.7
4-Feb-07	38.3
5-Feb-07	35.1
6-Feb-07	33.2
7-Feb-07	33.2
8-Feb-07	31.9
9-Feb-07	30.7
10-Feb-07	30.7
11-Feb-07	29.4
12-Feb-07	30.0
13-Feb-07	29.4
14-Feb-07	29.4
15-Feb-07	26.8
16-Feb-07	26.8
17-Feb-07	25.6
18-Feb-07	27.5
19-Feb-07	24.3
20-Feb-07	24.3
21-Feb-07	24.3
22-Feb-07	24.3
23-Feb-07	23.0
24-Feb-07	23.0
25-Feb-07	23.0
26-Feb-07	23.0
27-Feb-07	22.4
28-Feb-07	22.4
1-Mar-07	22.4
2-Mar-07	21.7
3-Mar-07	21.7
4-Mar-07	21.7
5-Mar-07	21.7
6-Mar-07	21.1
7-Mar-07	21.1
8-Mar-07	21.1
9-Mar-07	21.1
10-Mar-07	20.4
11-Mar-07	20.4
12-Mar-07	20.4
13-Mar-07	19.8
14-Mar-07	19.8
15-Mar-07	19.8

16-Mar-07	19.2
17-Mar-07	19.2
18-Mar-07	18.5
19-Mar-07	18.5
20-Mar-07	17.9
21-Mar-07	17.9
22-Mar-07	17.2
23-Mar-07	16.6
24-Mar-07	16.0
25-Mar-07	16.0
26-Mar-07	15.3
27-Mar-07	15.3
28-Mar-07	14.7
29-Mar-07	15.3
30-Mar-07	16.0
31-Mar-07	16.0
1-Apr-07	16.0
2-Apr-07	16.6
3-Apr-07	17.2
4-Apr-07	16.6
5-Apr-07	16.0
6-Apr-07	16.6
7-Apr-07	16.6
8-Apr-07	17.9
9-Apr-07	23.6
10-Apr-07	27.5
11-Apr-07	26.8
12-Apr-07	25.6
13-Apr-07	23.6
14-Apr-07	21.7
15-Apr-07	21.7
16-Apr-07	21.1
17-Apr-07	20.4
18-Apr-07	19.8
19-Apr-07	18.5
20-Apr-07	19.0
21-Apr-07	20.0
22-Apr-07	21.0
23-Apr-07	22.0
24-Apr-07	22.8
25-Apr-07	26.5
26-Apr-07	42.8
27-Apr-07	65.7
28-Apr-07	179.0
29-Apr-07	202.2
30-Apr-07	195.4
1-May-07	166.1
2-May-07	156.3
3-May-07	148.2
4-May-07	168.3
5-May-07	184.9
6-May-07	186.1



7-May-07	153.8
8-May-07	128.9
9-May-07	137.0
10-May-07	132.0
11-May-07	143.5
12-May-07	154.5
13-May-07	158.6
14-May-07	179.2
15-May-07	196.3
16-May-07	201.7
17-May-07	230.8
18-May-07	232.8
19-May-07	192.7
20-May-07	191.2
21-May-07	165.5
22-May-07	162.4
23-May-07	165.9
24-May-07	176.4
25-May-07	182.1
26-May-07	176.9
27-May-07	153.9
28-May-07	140.6
29-May-07	123.6
30-May-07	108.4
31-May-07	103.5
1-Jun-07	97.3
2-Jun-07	92.3
3-Jun-07	86.9
4-Jun-07	87.5
5-Jun-07	111.5
6-Jun-07	104.7
7-Jun-07	93.6
8-Jun-07	82.6
9-Jun-07	75.7
10-Jun-07	73.7
11-Jun-07	71.6
12-Jun-07	66.6
13-Jun-07	62.8
14-Jun-07	61.1
15-Jun-07	60.1
16-Jun-07	59.1
17-Jun-07	61.0
18-Jun-07	60.4
19-Jun-07	57.4
20-Jun-07	55.8
21-Jun-07	51.5
22-Jun-07	48.3
23-Jun-07	82.4
24-Jun-07	130.5
25-Jun-07	98.8
26-Jun-07	80.6
27-Jun-07	69.9

28-Jun-07	62.5
29-Jun-07	58.3
30-Jun-07	53.3
1-Jul-07	50.0
2-Jul-07	47.6
3-Jul-07	45.5
4-Jul-07	52.3
5-Jul-07	54.5
6-Jul-07	52.3
7-Jul-07	49.1
8-Jul-07	48.9
9-Jul-07	46.8
10-Jul-07	45.2
11-Jul-07	43.1
12-Jul-07	42.3
13-Jul-07	49.8
14-Jul-07	48.1
15-Jul-07	45.0
16-Jul-07	43.0
17-Jul-07	41.3
18-Jul-07	40.3
19-Jul-07	40.0
20-Jul-07	39.1
21-Jul-07	38.1
22-Jul-07	39.9
23-Jul-07	45.3
24-Jul-07	45.3
25-Jul-07	43.3
26-Jul-07	41.0
27-Jul-07	38.7
28-Jul-07	37.5
29-Jul-07	36.7
30-Jul-07	36.1
31-Jul-07	35.6
1-Aug-07	35.0
2-Aug-07	35.4
3-Aug-07	36.2
4-Aug-07	47.8
5-Aug-07	54.8
6-Aug-07	66.6
7-Aug-07	57.2
8-Aug-07	49.3
9-Aug-07	44.6
10-Aug-07	42.2
11-Aug-07	40.6
12-Aug-07	40.0
13-Aug-07	38.9
14-Aug-07	39.9
15-Aug-07	42.2
16-Aug-07	40.6
17-Aug-07	38.7
18-Aug-07	42.5

19-Aug-07	43.5
20-Aug-07	45.1
21-Aug-07	46.7
22-Aug-07	47.6
23-Aug-07	48.6
24-Aug-07	46.7
25-Aug-07	47.3
26-Aug-07	44.8
27-Aug-07	43.2
28-Aug-07	41.6
29-Aug-07	40.3
30-Aug-07	39.6
31-Aug-07	39.3
1-Sep-07	39.9
2-Sep-07	39.2
3-Sep-07	43.8
4-Sep-07	54.2
5-Sep-07	50.0
6-Sep-07	65.6
7-Sep-07	61.4
8-Sep-07	278.2
9-Sep-07	249.9
10-Sep-07	191.9
11-Sep-07	161.9
12-Sep-07	307.2
13-Sep-07	280.4
14-Sep-07	276.0
15-Sep-07	230.7
16-Sep-07	193.6
17-Sep-07	174.3
18-Sep-07	196.9
19-Sep-07	452.3
20-Sep-07	478.1
21-Sep-07	427.5
22-Sep-07	345.0
23-Sep-07	360.4
24-Sep-07	364.2
25-Sep-07	378.1
26-Sep-07	328.3
27-Sep-07	284.3
28-Sep-07	359.1
29-Sep-07	342.4
30-Sep-07	381.4



Preliminary Data. Do Not Cite or Quote.

 	
DAILY DISCHARGE HYDROGRAPH STATION SK100B1	
Rev 0 - April 30, 2008	FIGURE 1