



May 8, 2008

Mr. Shawn Thurber
Lafarge Canada Inc.
10511, 15th St. S.E.
Calgary, Alberta
T2H 2H5

Re: Noise Monitoring for Lafarge – Stoney Trail

Dear Mr. Thurber;

Attached are results of the monitoring for the period April 1 - 30, 2008 for noise and TSP and PM2.5 particulate. A B&K model 2236 meter was used for noise, and the Aerometrics Minivol model for particulate. Winds were measured with a R.M. Young Model 5103 anemometer. Precipitation was recorded with a Texas Instruments model TE25M rain gauge.

Data collection was 100% for all parameters during the monitoring period.

There were no exceedances of the city of Calgary noise bylaw.

There was one exceedance of the Alberta Air Quality Objectives for TSP and none for PM2.5 particulate.

Please call if there are any questions regarding the results.

Yours truly,

PROMET ENVIRONMENTAL GROUP LTD.

A handwritten signature in black ink, appearing to read "Bill Murray". The signature is fluid and cursive, with a long horizontal stroke at the end.

Dr. William (Bill) Murray
President

WM/kt
Enc.

PROMET

MONTHLY REPORT SUMMARY

Stoney Trail

Lafarge Canada Inc.

Name/Location

Company

April 2008

Monitoring Period

Continuous Ambient Monitoring				
Parameter	% Time Operational	Average	Maximum	Number of Hours above Bylaw Limit for Industrial Area
Sound	100%	43	55 dB A	0
PM2.5	100%	14	18	0
TSP	100%	68	171	1
Wind	100%	13 km/h	34 km/h	-
Precipitation	100%	-	2	-
Trailer Temperature	100%	4	23	-

Sound level is analyzed only for wind speed less than 11 km/h and precipitation less than 3 mm/hour

COMMENTS:

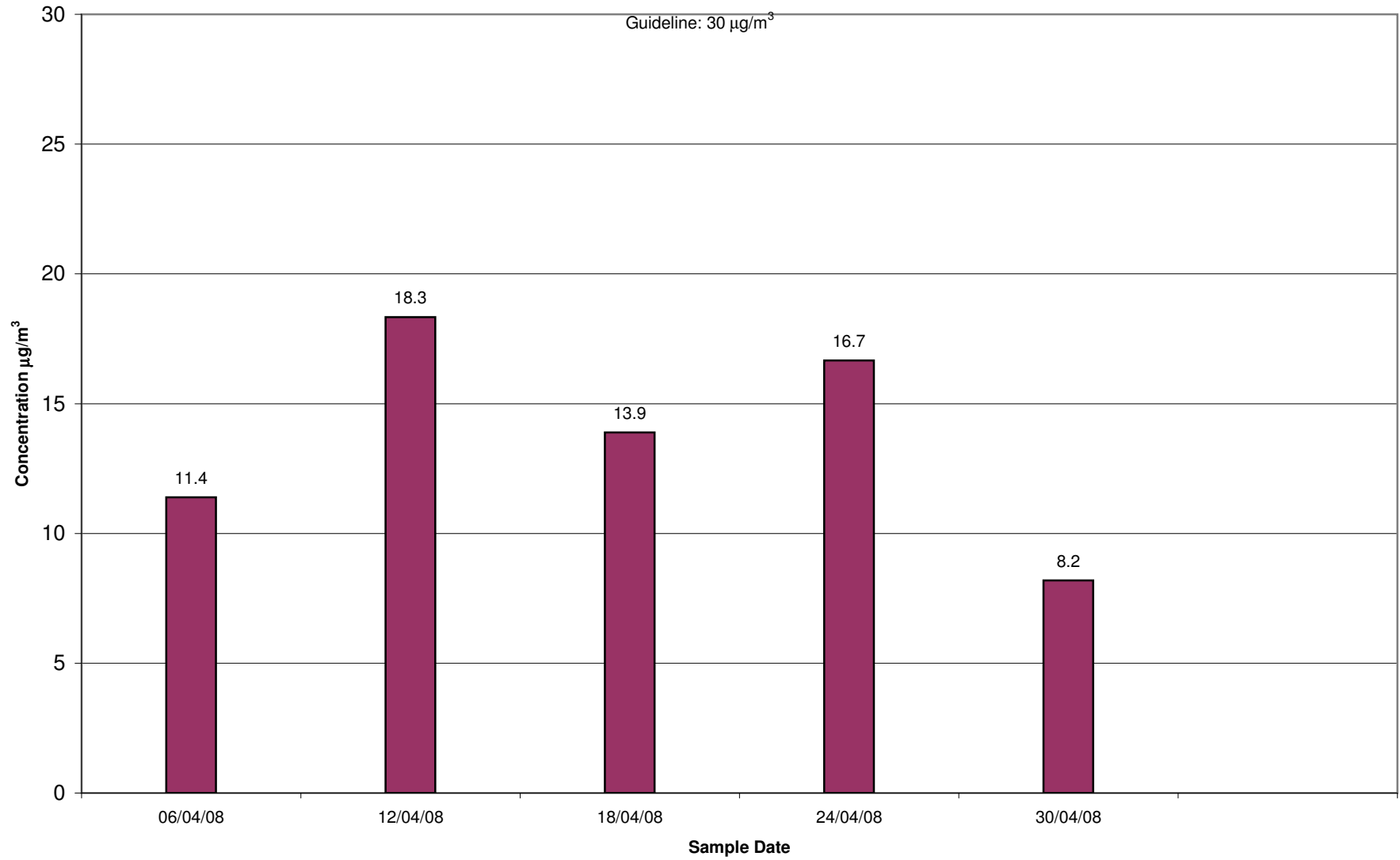
The regulation for residential areas is 65 dB A for day time or 50 dB A for night-time. Sound Level must exceed 5 dB A Leq over the Ambient Sound Level before it becomes an offence.

The PM2.5 Standard is 30 $\mu\text{g}/\text{m}^3$ for the day.

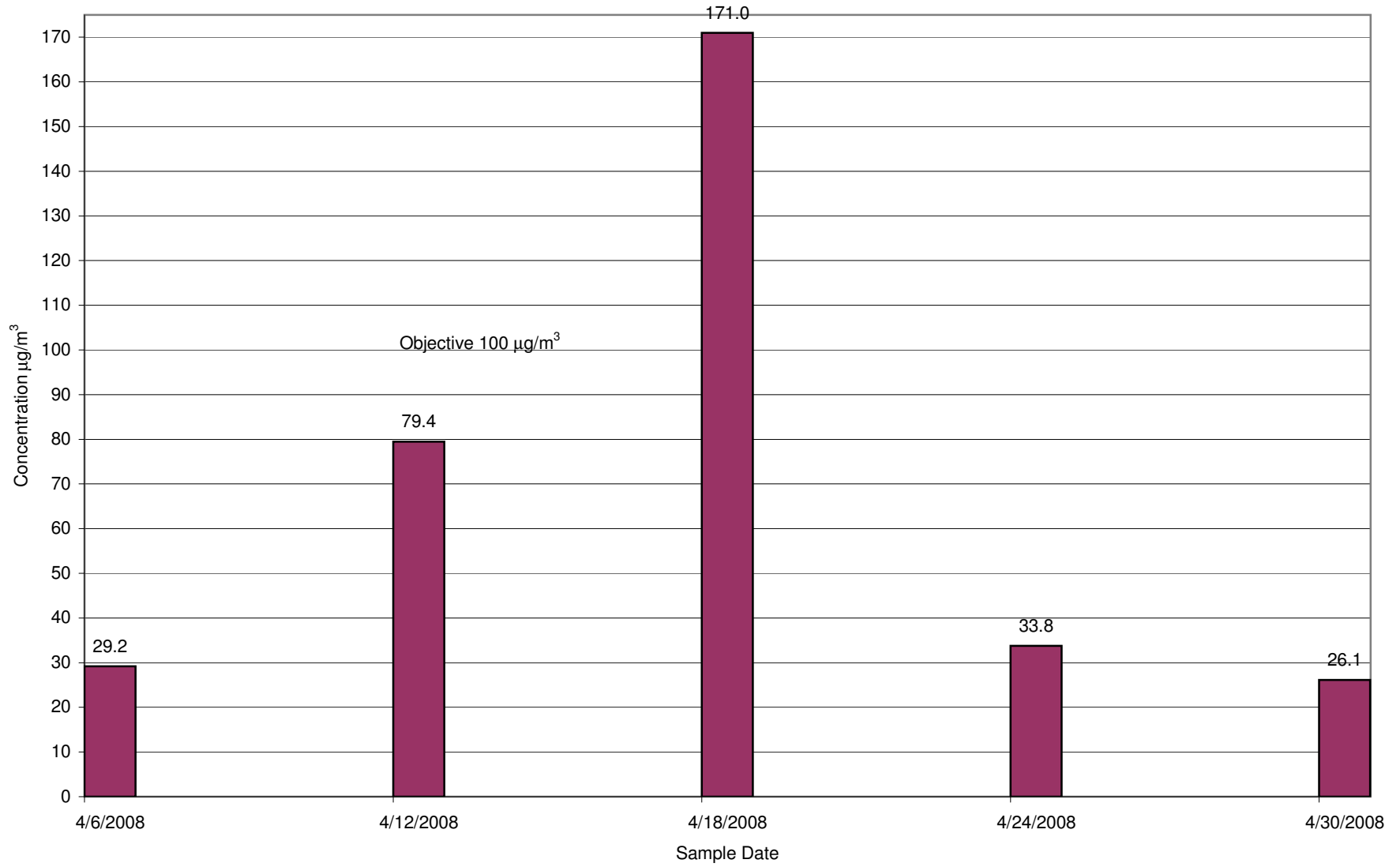
The TSP Objective is 100 $\mu\text{g}/\text{m}^3$ for the day.

One 24 hour sample of PM2.5 and TSP is taken every 6th day following the federal NAPS schedule.

PM2.5 at Lafarge Stoney Trail April 2008



TSP at Lafarge Stoney Trail, April 2008



ABSTRACT OF THE WIND
Lafarge Canada Inc.
Stoney Trail
STATION 620
APR 2008

HOUR DAY	ALL TIMES ARE L.S.T.																								SPEED [km/h]				ANEMOMETER HEIGHT 10 m				MEAN SPD	MAX VEL	PREV DIR	MISS OBS
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24												
1	SSW	SW	WSW	WSW	W	W	W	W	W	W	W	NW	W	W	W	NW	WNW	WNW	W	W	W	WNW	WNW	WNW	13	18	W	0								
2	13	12	12	12	13	13	14	16	17	16	12	12	11	14	16	16	14	15	14	14	14	16	17	14	17	0	0	W	0							
3	W	W	W	WNW	W	W	WNW	WNW	W	W	WNW	W	W	W	W	W	WNW	WNW	WNW	WNW	NW	NNW	NE	17	26	W	0	0	0							
4	NNE	NE	E	SSE	SSW	SW	NE	ENE	E	E	ESE	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	SE	SE	8	15	ENE	0	0	0						
5	SE	SE	SE	SSE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSW	SW	NW	15	13	17	0	0	0	0						
6	NNW	N	WNW	WSW	SW	W	WNW	W	W	W	SW	SW	W	SW	SE	SE	ENE	E	E	SE	ENE	WSW	SW	SW	10	20	SW	0	0	0						
7	WSW	W	WNW	WNW	W	W	WNW	WNW	WNW	WNW	NNW	NNE	ENE	N	NE	ENE	SE	SSE	S	SSW	SSW	SW	SW	SW	9	15	WNW	0	0	0						
8	SW	SW	W	W	WNW	WNW	WNW	WNW	WNW	NW	N	N	NNE	N	SW	SW	SSW	SSW	W	ENE	ENE	ENE	NNE	WSW	11	17	WNW	0	0	0						
9	W	W	W	WNW	WNW	W	W	W	W	WNW	WNW	SW	WSW	SSE	WSW	NNE	NNE	E	E	NNE	WNW	S	NNW	NNW	9	16	W	0	0	0						
10	NNW	NNW	NNW	NNW	NNW	NNW	WSW	WNW	NNW	NNW	N	NNE	ENE	E	WNW	E	SSW	WNW	WNW	WNW	W	W	NW	WNW	10	15	NNW	0	0	0						
11	W	W	W	WNW	WNW	W	W	W	W	WSW	SSW	SSE	SSE	SSE	SW	W	W	WNW	WNW	WNW	WNW	NW	NW	13	20	W	0	0	0							
12	NW	NW	NW	WNW	W	WNW	W	W	W	WSW	WSW	WSW	NW	NNW	E	ESE	SE	SE	SE	SSE	SSW	S	SSW	SW	12	18	SVL	0	0	0						
13	SW	SSW	SW	WSW	WSW	WSW	SSW	SSW	S	SSW	SSW	SW	WSW	W	W	WSW	WSW	WSW	SSW	SW	SSW	WSW	N	14	29	WSW	0	0	0							
14	N	N	NNW	NW	NNW	NNW	NNW	NNW	NNW	S	S	SW	SSW	SSW	SSE	SE	E	NE	N	N	NNW	N	N	WSW	11	19	NNW	0	0	0						
15	W	NW	NW	NW	NW	N	N	NNW	N	W	W	NNW	NNW	N	N	N	N	NNW	NNW	NW	W	WNW	WNW	WNW	12	20	N	0	0	0						
16	WNW	W	W	W	WSW	WSW	WSW	WSW	WSW	W	WNW	W	W	NW	WNW	WNW	W	WNW	WNW	W	W	W	W	W	14	21	W	0	0	0						
17	W	W	W	WSW	SW	SW	WSW	W	W	W	W	W	W	W	W	W	W	W	WNW	NW	NNE	NE	NE	E	18	32	W	0	0	0						
18	ENE	ESE	ESE	E	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	20	34	N	0	0	0						
19	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	N	N	NNW	N	21	27	N	0	0	0						
20	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	23	32	NNW	0	0	0						
21	NNW	NNW	NNW	NNW	NW	WNW	WNW	WNW	W	WSW	SW	SW	S	S	S	S	SSW	SW	WSW	NNE	N	N	NW	13	23	S	0	0	0							
22	NW	WSW	WSW	SW	WSW	WSW	WSW	WSW	WNW	NW	SSW	WNW	WSW	W	NNW	NNE	NNE	NNE	E	E	ESE	E	WSW	E	10	19	WSW	0	0	0						
23	ENE	ENE	E	ESE	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	18	29	SE	0	0	0						
24	ESE	ESE	SE	SE	ESE	SE	S	SSW	SW	SSW	ESE	E	ENE	E	E	ESE	ESE	E	ENE	ENE	E	ESE	SE	ESE	10	17	ESE	0	0	0						
25	NNE	N	NNE	N	NNW	NNW	NNW	NNW	N	NNE	NNE	NNE	NE	NE	NE	NE	NNE	NNE	E	SSE	S	S	SSW	10	15	NNE	0	0	0							
26	SW	WSW	W	WNW	WNW	WNW	WNW	W	W	WNW	W	WNW	W	WSW	SW	SSW	S	S	S	S	S	S	S	SW	12	19	S	0	0	0						
27	W	W	WNW	WNW	W	W	W	W	W	SW	S	SSE	SSE	SSE	S	S	SSW	WSW	WSW	WSW	W	W	W	W	16	22	W	0	0	0						
28	W	W	W	WNW	WNW	WNW	W	NNE	WNW	ESE	W	SSE	SSE	W	W	W	W	W	WSW	SSW	S	SSW	WSW	WSW	12	19	W	0	0	0						
29	WSW	WSW	SW	SW	S	S	S	S	S	S	S	S	S	S	SSW	SW	SW	W	NW	W	W	WNW	NW	12	10	S	0	0	0							
30	NNW	NW	NW	NNW	N	NNW	NNW	WNW	WNW	WNW	WNW	W	WSW	WSW	WNW	WNW	WNW	NNW	NNE	ENE	NNE	NNE	NNW	WSW	21	20	WNW	0	0	0						
MEAN	12	12	12	12	13	13	13	13	14	14	14	14	15	15	16	16	16	16	16	14	12	12	11	11	13	34	W	0	0	0						
NOTE:	Missing data represented by M; no clear prevailing direction represented by SVL; calm winds represented by CALM																																			
Date of Last Calibration	060221										Make and Model of Instrument: RM Young5103										WS UPTIME 100 %						WD UPTIME 100 %									

FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION

Lafarge Canada Inc.

Stoney Trail

STATION 620

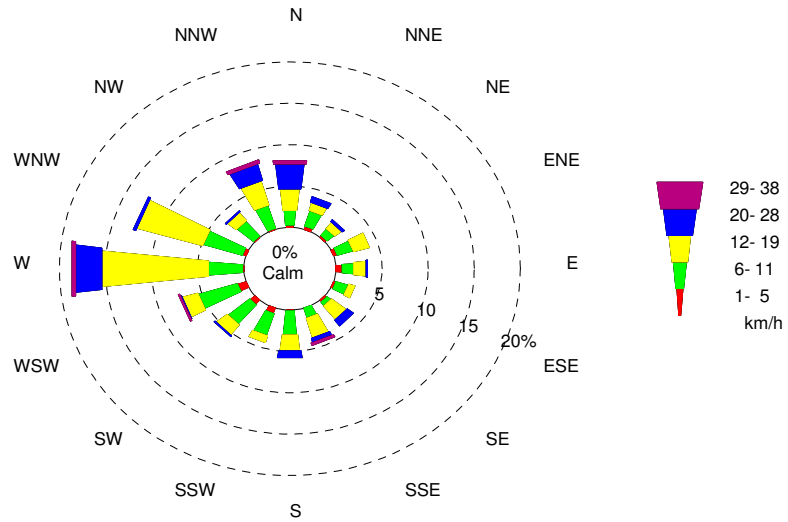
APR 2008

SPEED [km/h]	WIND DIRECTION																TOTAL	PCT
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW		
< .5																	0	0
1- 5	2	3	2	3	5	2	2	0	1	5	5	7	1	3	1	1	43	6
6- 11	13	14	7	13	9	10	4	9	21	20	22	32	27	32	17	21	271	38
12- 19	19	7	7	13	10	5	15	18	14	6	11	13	84	54	9	22	307	43
20- 28	22	5	2	0	1	0	6	4	6	0	1	1	21	2	1	15	87	12
29- 38	3	0	0	0	0	0	0	2	0	0	0	1	3	0	0	3	12	2
TOTAL	59	29	18	29	25	17	27	33	42	31	39	54	136	91	28	62	720	100
PERCENT	8	4	3	4	3	2	4	5	6	4	5	8	19	13	4	9		
AVERAGE	18	13	13	11	10	10	15	16	13	9	10	11	15	13	11	16	13	

7 MAY 2008 1611

Wind rose for APR 2008
Stoney Trail

Bar length is proportional to frequency of winds from its direction



TRAILER TEMPERATURE
Lafarge Canada Inc.
Stoney Trail
STATION 620
APR 2008

Day	Hour																								Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	-5	-7	-7	-8	-8	-8	-7	-5	-1	1	2	3	5	7	8	8	7	6	3	0	0	-1	-1	-2	0
2	-2	-3	-3	-3	-4	-4	-4	-1	1	2	4	6	8	9	10	10	10	10	8	4	2	0	1	1	3
3	1	1	1	1	1	1	1	1	1	4	6	9	10	11	13	12	11	10	8	7	5	4	2	0	5
4	0	0	-1	-2	-2	-3	-3	-1	1	4	7	9	12	13	13	12	10	8	6	5	3	3	2	1	4
5	1	0	0	1	0	1	0	1	1	3	5	7	8	8	8	9	9	8	7	4	2	0	1	1	4
6	1	1	1	-1	-2	-2	-1	1	3	6	9	11	10	11	13	12	10	9	8	5	2	0	0	-1	4
7	-1	-1	0	0	1	1	1	2	5	8	11	13	12	9	8	9	10	9	7	4	2	1	1	0	5
8	-1	-1	-1	0	0	1	1	2	5	7	10	11	13	14	14	15	15	14	10	6	2	0	0	-1	6
9	-2	-2	-2	-2	-2	-2	-1	1	3	6	10	12	14	14	14	13	13	11	9	6	4	3	2	1	5
10	1	1	1	0	1	1	0	1	0	1	3	6	8	9	6	4	5	5	4	3	1	1	1	1	3
11	0	-1	-1	0	0	1	1	0	2	6	9	11	13	13	13	13	14	14	12	9	7	5	4	3	6
12	2	2	2	1	0	1	2	6	10	13	15	18	20	22	22	22	21	20	19	15	12	10	8	6	11
13	5	4	3	3	3	3	5	6	8	11	14	15	17	20	22	23	23	23	21	18	13	11	9	7	12
14	5	3	1	0	1	1	1	2	3	4	5	8	8	10	12	12	12	10	7	5	3	3	2	2	5
15	1	1	0	0	1	0	1	2	4	7	9	10	10	9	9	6	4	3	1	0	1	0	0	0	4
16	0	-1	-1	-2	-2	-3	-2	1	3	5	8	10	12	14	14	14	13	14	14	11	8	6	5	4	6
17	3	3	2	2	1	1	2	4	8	10	11	13	15	15	17	18	18	17	15	12	8	5	2	1	8
18	1	1	0	0	1	1	1	1	1	1	1	1	2	1	0	1	0	-1	-2	-3	-4	-4	-4	-5	0
19	-6	-6	-7	-7	-7	-8	-8	-8	-7	-6	-3	0	1	1	0	-1	-2	-4	-6	-8	-8	-8	-9	-9	5
20	-9	-9	-9	-9	-9	-9	-9	-9	-7	-5	-4	-2	-1	0	1	1	1	0	-2	-4	-6	-7	-7	-7	-5
21	-7	-8	-8	-8	-8	-8	-8	-7	-5	-2	-1	1	1	1	0	0	-1	-2	-3	-4	-5	-6	-6	-4	-4
22	-6	-6	-7	-7	-7	-7	-7	-4	-1	1	3	6	6	6	7	5	5	2	1	0	-3	-3	-3	-3	-1
23	-3	-3	-3	-3	-3	-3	-3	-2	0	1	0	0	1	1	1	0	1	0	-1	-2	-2	-3	-3	1	1
24	-3	-3	-3	-4	-3	-3	-3	-1	1	3	5	5	5	4	4	3	3	1	1	1	0	0	0	-1	0
25	-1	-1	-1	-1	-2	-2	-2	0	1	3	4	6	8	8	8	6	5	3	2	0	0	-1	-2	-2	2
26	-3	-3	-3	-2	-1	-1	1	2	5	8	10	12	14	16	17	18	18	17	14	11	8	5	3	1	7
27	1	1	2	3	3	3	4	7	10	13	16	17	17	18	19	19	19	19	16	14	12	11	11	10	11
28	10	10	9	8	8	7	9	12	15	18	19	19	19	20	21	21	22	21	20	17	13	11	9	8	14
29	7	6	5	4	4	3	4	9	12	14	16	17	17	18	17	17	16	15	13	11	9	8	7	7	11
30	6	5	4	3	2	2	2	2	5	8	10	12	14	16	15	16	15	14	13	10	7	5	4	3	8
AVG	0	-1	-1	-1	-1	-1	-1	1	3	5	7	9	10	11	11	11	10	9	8	5	3	2	1	1	1
MAX	10	10	9	8	8	7	9	12	15	18	19	19	20	22	22	23	23	23	21	18	13	11	11	10	10
MIN	-9	-9	-9	-9	-9	-9	-9	-9	-7	-6	-4	-2	-1	0	0	-1	-2	-4	-6	-8	-8	-8	-9	-9	-9

Percent of time operational: 100
 Monthly Average: 4 Monthly Maximum: 23 M - missing data
 Monthly Minimum: -9