



March 14, 2007

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

Re: Noise Monitoring for Lafarge – Stoney Trail

Dear Sir;

Attached are results of the monitoring for the period February 1 – 28, 2007 for noise and TSP and PM2.5 particulate. A B&K model 2236 meter was used for noise, and the Aerometrics Minvol 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 were no exceedances of the Alberta Air Quality Objectives for TSP. There were no Exceedances of the Canada Wide Standard 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

February 2007

Monitoring Period

Continuous Ambient Monitoring				
Parameter	% Time Operational	Average	Maximum	Number of Hours above Bylaw Limit for Industrial Area
Sound	100%	38	52 dB A	0
PM2.5	100%	22	28	0
TSP	100%	37	50	0
Wind	100%	11 km/h	36 km/h	-
Precipitation	100%	0	1	-
Trailer Temperature	100%	-6	11	-

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

COMMENTS:

The noise regulation is 85 dB A . However, the reading is not an exceedance if it is less than 5 dB above the ambient noise level.

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.

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SOUND LEVEL [dBA] Leq 1 hour
 Lafarge Canada Inc.
 Stoney Trail
 STATION 620
 FEB 2007

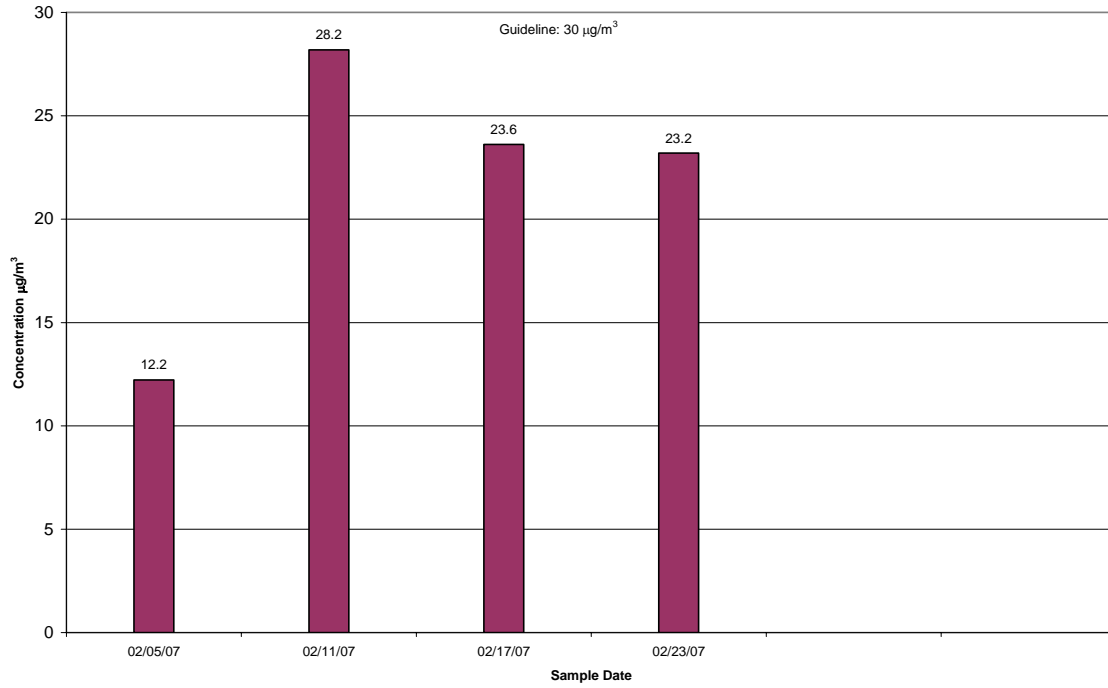
Day	Hour																								Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1											38	C		41	39	38	39	39	39	40	38	38		38	33	
2	35													41	42	46	38	40	42	41	39	36	35	33	34	
3	35	36	28	26	24	48	32	34	40	39	41	40	41	39	42	38	39	37	40		39			37		
4			31	28	33	33												39	44	41	37	37		29		
5		32	25	30	29	30	35	46	45	40	43					41				43				33		
6							34	43	42	40	38	42	40	37	38	40	38	34	32	32	40	32	34	34	35	
7	33	31	33	38	43	40	40	40	42	45	39	40	41	41	41	42	42	41	39	40	43	43	39	37	40	
8	31																								M	
9																39	39	42	41	44	41	42	44	42	33	
10	41	40											43	43	43	39	38	40	44	42	36	42	38	35	36	
11	34	34	33	37					46	47	44	44	42	43						44	40	40	38	38	37	
12	32	30	30	32	31	32	36	39	41	35	35	39	40							44	40	40	38	38	37	
13	37	33	32	37	34	33	38	39	35	37	40	32	36	33	34	37	36	36	43					36	31	
14																	42								34	
15																45	40	42							M	
16		36	38					43	40	40	40	43							41	30	36			32	32	
17																		39						32	31	M
18				34																				33	M	
19	28	34	32	26	26	28	33											39	38	35	35		34	37	28	
20								38		38	40							41		40	42	38	41	31	31	
21	35							44	41	38	39										36	38	31	29		
22	28	24	33		35	37	41	44	44	42									42	31	38	39	37	28	34	
23	35	33	32	37	43	40	37	41	43	42			37	36					37	37				34	35	
24					32	52	32	36	39	39	40	41											38	33	33	
25	31	27	41	27	25	27	28	37	35	41	39	36	37						39	38			36	34	33	
26	34	36	32	31							40	39	39											38	27	
27	36	36	35	39	35	36	38	40	43	42	43	41	44	41	44	41	40	39	40	42	38	37	31	30	39	
28	24	30	30	28	31					36	35	35									38	30	34	28	26	
AVG	34	34	33	33	35	37	40	41	41	40	40	40	41	40	40	41	39	39	41	40	39	39	37	35		
MAX	41	40	41	39	43	48	52	46	46	47	44	44	44	43	44	46	42	42	44	44	43	43	44	42		
MIN	24	24	25	26	24	27	28	32	35	35	35	32	36	33	34	37	36	34	32	31	35	30	31	28		

*** SOUND DATA REPORTED ONLY FOR WIND SPEED < 11.5 KM/H ***

Percent of time operational: 100 M - missing data C - Calibration
 Monthly Average: 38 Monthly Maximum: 52 Monthly Minimum: 24
 *** 0 Exceedances of Guideline***

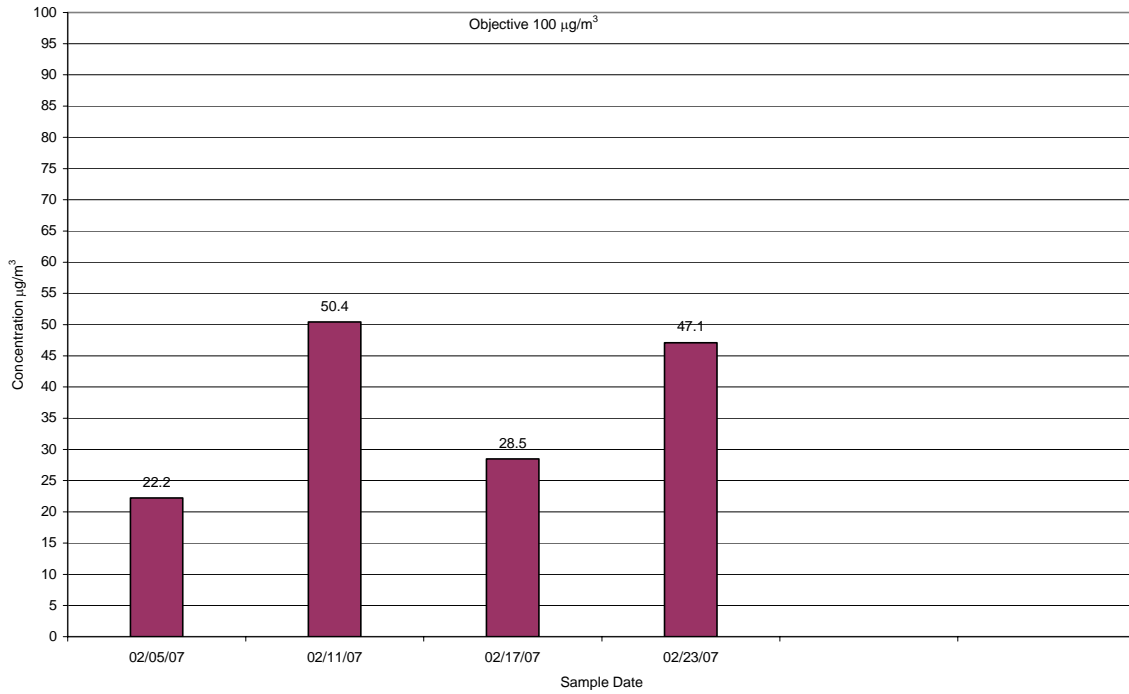


PM2.5 at Lafarge Stoney Trail February 2007





TSP at Lafarge Stoney Trail, February 2007



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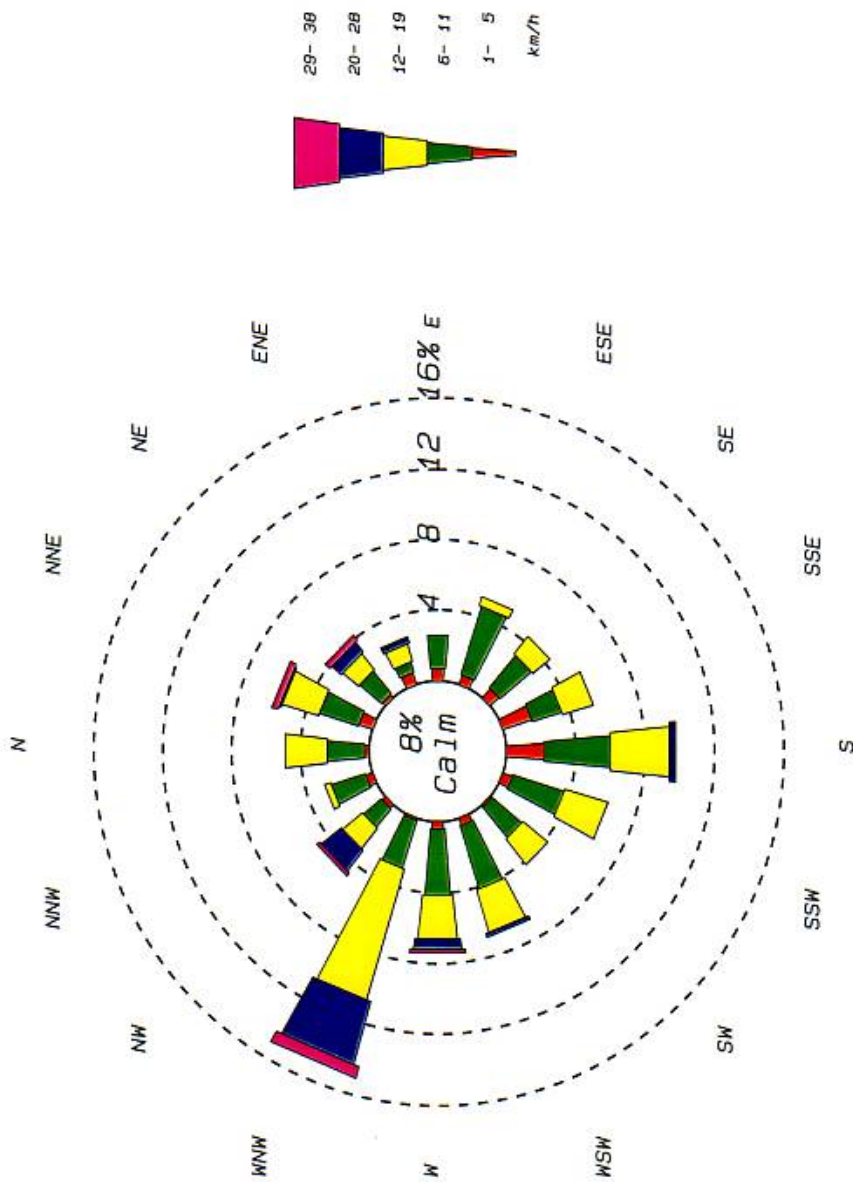
FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION
 Lafarge Canada Inc.
 Stoney Trail
 STATION 620
 FEB 2007

SPEED [km/h]	WIND DIRECTION														TOTAL	PCT		
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW			NW	NNW
< .5																	53	8
1- 5	2	6	2	5	5	4	5	12	15	4	1	3	3	1	2	3	73	11
6- 11	15	16	11	4	12	27	16	12	26	21	15	25	25	19	9	14	267	40
12- 19	16	15	8	7	0	3	8	12	23	17	12	17	17	52	10	2	219	33
20- 28	0	1	5	2	0	0	0	0	2	0	0	1	4	25	10	0	50	7
29- 38	0	2	2	0	0	0	0	0	0	0	0	0	1	4	1	0	10	1
TOTAL	33	40	28	18	17	34	29	36	66	42	28	46	50	101	32	19	672	100
PERCENT	5	6	4	3	3	5	4	5	10	6	4	7	7	15	5	3		
AVERAGE	11	12	15	11	7	8	9	8	10	10	11	12	12	17	16	9	11	

8 MAR 2007 1017

Wind rose for FEB 2007 Stoney Trail

Bar length is proportional to frequency of winds from its direction



8/ 3/2007

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PRECIPITATION [mm]
 Lafarge Canada Inc.
 Stoney Trail
 STATION 620
 FEB 2007

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

Percent of time operational: 100 M - missing data
 Monthly Total: 3 Maximum in an hour: 1
 Year to Date: 5

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TRAILER TEMPERATURE
Lafarge Canada Inc.
Stoney Trail
STATION 620
FEB 2007

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

Percent of time operational: 100
Monthly Average: -6 Monthly Maximum: 11 Monthly Minimum: -22
M - missing data