

Lafarge Stoney Trailer Hourly Average Data

Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dba	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
Alarms											
PM2.5						1 Hour Average – 80 ug/m3					
TSP						1 Hour Average – 267 ug/m3					
SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration											
Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm											
1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba											
1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
14-Sep-09	800	4.0	166	SSE	59.0	55.4	9.4	0	0	0	0
14-Sep-09	900	7.7	144	SE	56.7	37.7	8.6	0	0	0	0
14-Sep-09	1000	9.0	164	SSE	57.6	36.2	4.6	0	0	0	0
14-Sep-09	1100	10.0	163	SSE	54.4	72.4	15.4	0	0	0	0
14-Sep-09	1200	9.2	104	ESE	56.4	32.4	4.9	0	0	0	0
14-Sep-09	1300	10.6	159	SSE	55.8	7.9	0.5	0	0	0	0
14-Sep-09	1400	6.3	68	ENE	54.6	30.0	7.4	0	0	0	0
14-Sep-09	1500	6.6	104	ESE	52.9	28.6	1.3	0	0	0	0
14-Sep-09	1600	9.0	62	ENE	52.2	36.0	2.1	0	0	0	0
14-Sep-09	1700	6.6	24	NNE	48.0	20.2	2.0	0	0	0	0
14-Sep-09	1800	8.1	55	NE	53.4	28.3	2.6	0	0	0	0
14-Sep-09	1900	12.4	56	NE	50.8	38.6	4.4	0	0	0	0
14-Sep-09	2000	6.4	30	NNE	46.7	30.9	15.6	0	0	0	0
14-Sep-09	2100	5.8	39	NE	45.9	68.8	8.3	0	0	0	0
14-Sep-09	2200	3.9	180	S	47.5	35.4	12.1	0	0	0	0

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14-Sep-09	2300	6.1	209	SSW	42.9	43.5	10.5	0	0	0	0
14-Sep-09	2400	4.5	194	SSW	41.0	31.8	7.8	0	0	0	0
15-Sep-09	100	7.5	226	SW	41.7	27.3	10.2	0	0	0	0
15-Sep-09	200	7.9	227	SW	43.7	33.2	10.1	0	0	0	0
15-Sep-09	300	14.5	243	WSW	50.7	46.2	2.9	0	0	0	0
15-Sep-09	400	11.4	257	WSW	52.8	29.8	4.6	0	1	0	0
15-Sep-09	500	14.6	262	W	49.0	22.4	2.7	0	0	0	0
15-Sep-09	600	14.6	267	W	54.4	22.2	5.0	0	0	0	0
15-Sep-09	700	10.2	295	WNW	61.3	88.9	28.9	0	0	0	0
15-Sep-09	800	14.9	325	NW	60.3	86.9	15.8	0	0	0	0
15-Sep-09	900	13.1	7	N	58.4	72.2	12.1	0	0	0	0
15-Sep-09	1000	10.9	346	NNW	52.9	37.3	6.3	0	0	0	0
15-Sep-09	1100	4.6	330	NNW	51.1	51.1	5.3	0	0	0	0
15-Sep-09	1200	9.6	145	SE	54.5	55.8	10.3	0	0	0	0
15-Sep-09	1300	8.8	179	S	56.2	39.8	5.5	0	0	0	0

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15-Sep-09	1400	12.2	161	SSE	54.1	38.6	3.8	0	0	0	0
15-Sep-09	1500	12.2	152	SSE	56.2	43.9	1.4	0	0	0	0
15-Sep-09	1600	14.9	146	SE	50.4	33.4	0.6	0	0	0	0
15-Sep-09	1700	15.4	127	SE	51.7	33.9	0.4	0	0	0	0
15-Sep-09	1800	14.6	142	SE	48.9	33.4	0.3	0	0	0	0
15-Sep-09	1900	15.2	132	SE	50.4	58.8	10.9	0	0	0	0
15-Sep-09	2000	13.9	131	SE	48.5	50.3	25.4	0	0	0	0
15-Sep-09	2100	13.7	167	SSE	47.9	79.0	26.2	0	0	0	0
15-Sep-09	2200	13.3	157	SSE	47.1	73.3	30.0	0	0	0	0
15-Sep-09	2300	14.6	163	SSE	45.6	86.7	32.0	0	0	0	0
15-Sep-09	2400	10.7	186	S	44.5	60.1	21.0	0	0	0	0
16-Sep-09	100	10.4	212	SSW	43.5	46.9	27.0	0	0	0	0
16-Sep-09	200	9.1	231	SW	48.1	34.3	25.9	0	0	0	0
16-Sep-09	300	6.6	222	SW	49.9	38.6	11.4	0	0	0	0
16-Sep-09	400	5.0	195	SSW	52.1	33.5	9.7	0	1	0	0

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16-Sep-09	500	6.2	223	SW	50.3	46.7	14.4	0	1	0	0
16-Sep-09	600	8.2	235	SW	53.5	50.3	11.7	0	1	0	0
16-Sep-09	700	10.1	236	SW	54.2	37.5	9.4	0	0	0	0
16-Sep-09	800	10.5	223	SW	57.0	33.2	10.1	0	0	0	0
16-Sep-09	900	11.4	218	SW	55.9	40.1	14.5	0	0	0	0
16-Sep-09	1000	10.8	191	S	55.3	41.3	5.9	0	0	0	0
16-Sep-09	1100	10.9	183	S	55.6	0.9	0.3	0	0	0	0
16-Sep-09	1200	16.1	151	SSE	57.7	0.9	0.3	0	0	0	0
16-Sep-09	1300	19.6	147	SSE	54.7	0.9	0.3	0	0	0	0
16-Sep-09	1400	21.1	138	SE	54.6	0.9	0.3	0	0	0	0
16-Sep-09	1500	28.1	145	SE	59.9	0.9	0.3	0	0	0	0