



## Lafarge Stoney Trailer Hourly Average Data

Date	Time MST	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
21-Jul-08	700	11.5	287	WMW	59.2	3.48	2.81	0.0	0	0	0
21-Jul-08	800	9.2	279	W	59.9	2.68	2.54	0.0	0	0	0
21-Jul-08	900	13.9	280	W	57.3	1.74	1.87	0.0	0	0	0
21-Jul-08	1000	14.1	294	WMW	54.2	2.54	0.27	0.0	0	0	0
21-Jul-08	1100	10.2	269	W	63.0	2.68	0.13	0.0	0	0	0
21-Jul-08	1200	8.3	276	W	51.4	2.94	0.13	0.0	0	0	0
21-Jul-08	1300	9.9	221	SW	58.5	2.94	0.53	0.0	0	0	0
21-Jul-08	1400	9.8	180	S	54.9	4.15	4.15	0.0	0	0	0
21-Jul-08	1500	10.9	180	S	57.9	4.41	2.41	0.0	0	0	0
21-Jul-08	1600	8.1	227	SW	52.3	4.15	4.15	0.0	0	0	0
21-Jul-08	1700	10.9	206	SSW	51.2	5.88	5.75	0.0	0	0	0
21-Jul-08	1800	7.1	218	SW	42.1	6.69	6.28	0.0	0	0	0
21-Jul-08	1900	6.6	202	SSW	43.3	6.95	7.49	0.0	0	0	0
21-Jul-08	2000	10.2	159	SSE	43.4	12.70	11.36	0.0	0	0	0
21-Jul-08	2100	9.1	179	S	44.4	13.63	10.03	0.0	0	0	0
21-Jul-08	2200	7.6	272	W	42.3	12.30	11.36	0.0	0	0	0
21-Jul-08	2300	20.2	337	NNW	47.3	8.02	7.76	0.0	0	0	0
21-Jul-08	2400	22.5	344	NNW	47.6	7.76	7.09	0.0	0	0	0
22-Jul-08	100	17.8	5	N	44.7	12.58	8.96	0.0	0	0	0
22-Jul-08	200	22.4	356	N	45.4	9.63	7.22	0.0	0	0	0
22-Jul-08	300	22.5	351	N	47.9	6.55	8.29	0.0	0	0	0
22-Jul-08	400	20.1	8	N	46.5	5.75	5.75	0.0	0	0	0
22-Jul-08	500	18.9	356	N	45.2	5.35	7.89	0.0	0	0	0
22-Jul-08	600	24.3	359	N	52.0	7.36	7.89	0.0	0	0	0
22-Jul-08	700	28.4	7	N	59.4	10.97	6.29	0.0	0	0	0
22-Jul-08	800	33.4	20	NNE	60.1	10.70	5.89	0.0	0	0	0
22-Jul-08	900	32.7	10	N	58.1	4.82	3.75	0.6	0	0	0
22-Jul-08	1000	27.3	1	N	56.2	8.03	5.75	0.5	0	0	0
22-Jul-08	1100	24.7	12	NNE	55.5	12.58	6.02	0.0	0	0	0
22-Jul-08	1200	27.9	13	NNE	55.4	18.99	5.35	0.0	0	0	0
22-Jul-08	1300	23.8	30	NNE	55.9	3.75	3.34	0.0	0	0	0
22-Jul-08	1400	20.5	25	NNE	53.0	3.08	3.21	0.1	0	0	0
22-Jul-08	1500	18.5	31	NNE	52.5	4.41	4.15	0.0	0	0	0
22-Jul-08	1600	15.4	23	NNE	48.8	8.56	3.61	0.0	0	0	0
22-Jul-08	1700	18.5	31	NNE	49.9	12.98	4.28	0.0	0	0	0
22-Jul-08	1800	18.5	36	NE	48.6	3.21	3.34	0.0	0	0	0
22-Jul-08	1900	20.9	15	NNE	49.6	4.28	3.21	0.0	0	0	0
22-Jul-08	2000	25.1	15	NNE	53.3	3.75	3.48	0.0	0	0	0
22-Jul-08	2100	20.6	10	N	48.4	5.62	6.42	0.0	0	0	0
22-Jul-08	2200	21.3	2	N	46.4	7.89	7.63	0.4	0	0	0
22-Jul-08	2300	22.7	358	N	47.4	4.28	3.48	0.1	0	0	0
22-Jul-08	2400	27.7	356	N	51.2	0.94	0.40	0.1	0	0	0
23-Jul-08	100	15.5	346	NNW	43.1	2.14	1.61	0.0	0	0	0
23-Jul-08	200	11.5	8	N	43.3	2.14	0.00	0.0	0	0	0
23-Jul-08	300	11.8	334	NNW	40.6	1.07	0.67	0.0	0	0	0
23-Jul-08	400	10.1	315	NW	40.7	1.47	1.47	0.0	0	0	0
23-Jul-08	500	12.9	357	N	43.5	0.94	0.67	0.0	0	0	0
23-Jul-08	600	11.4	352	N	47.9	2.81	2.28	0.0	0	0	0
23-Jul-08	700	11.8	358	N	64.4	3.88	6.96	0.0	0	0	0
23-Jul-08	800	10.4	355	N	54.5	6.02	1.07	0.0	0	0	0
23-Jul-08	900	9.8	24	NNE	53.4	2.68	2.68	0.0	0	0	0
23-Jul-08	1000	5.7	47	NE	51.4	3.48	3.08	0.0	0	0	0
23-Jul-08	1100	6.4	74	ENE	57.5	3.35	2.41	0.0	0	0	0
23-Jul-08	1200	8.2	65	ENE	52.0	0.00	0.40	0.0	0	0	0

23-Jul-08	1300	5.8	31	NNE	60.6	1.60	0.80	0.0	0	0	0
23-Jul-08	1400	13.1	45	NE	56.3	1.47	0.40	0.0	0	0	0
23-Jul-08	1500	6.7	70	ENE	57.8	1.60	2.41	0.0	0	0	0
23-Jul-08	1600	10.3	147	SSE	52.6	1.60	1.47	0.0	0	0	0
23-Jul-08	1700	11.5	270	W	55.8	1.87	2.41	0.0	0	0	0
23-Jul-08	1800	9.4	249	WSW	48.2	0.40	0.94	0.0	0	0	0
23-Jul-08	1900	11.8	255	WSW	48.4	2.14	3.34	0.0	0	0	0
23-Jul-08	2000	18.5	330	NNW	47.0	0.67	1.34	1.0	0	0	0
23-Jul-08	2100	17.7	353	N	46.2	0.94	2.41	0.6	0	0	0
23-Jul-08	2200	21.6	344	NNW	48.8	2.41	4.28	1.2	0	0	0
23-Jul-08	2300	19.8	358	N	45.3	1.87	1.61	0.1	0	0	0
23-Jul-08	2400	15.3	341	NNW	43.7	1.61	0.00	0.2	0	0	0
24-Jul-08	100	13.8	306	NW	43.9	1.07	1.07	0.0	0	0	0
24-Jul-08	200	14.5	300	WMW	41.7	2.41	0.40	0.0	0	0	0
24-Jul-08	300	14.6	323	NW	43.4	1.07	0.40	0.1	0	0	0
24-Jul-08	400	11.9	3	N	43.5	1.61	2.01	1.5	0	0	0
24-Jul-08	500	7.4	95	E	47.0	2.41	2.68	1.9	0	0	0
24-Jul-08	600	7.1	282	WMW	49.6	1.07	0.40	0.0	0	0	0
24-Jul-08	700	8.6	262	W	54.8	0.80	0.00	0.0	0	0	0
24-Jul-08	800	9.5	263	W	56.1	1.61	1.07	0.1	0	0	0
24-Jul-08	900	11.9	252	WSW	61.7	0.94	1.07	0.0	0	0	0
24-Jul-08	1000	15.4	258	WSW	53.3	0.13	1.07	0.0	0	0	0
24-Jul-08	1100	12.6	242	WSW	53.1	0.67	1.74	0.0	0	0	0
24-Jul-08	1200	9.4	276	W	50.4	1.34	0.94	0.0	0	0	0
24-Jul-08	1300	10.4	316	NW	53.7	1.20	2.68	0.0	0	0	0
24-Jul-08	1400	8.2	3	N	62.3	2.41	1.60	0.0	0	0	0
24-Jul-08	1500	9.0	11	N	54.0	1.74	1.20	0.0	0	0	0
24-Jul-08	1600	11.3	35	NE	57.4	2.01	0.67	0.0	0	0	0
24-Jul-08	1700	12.9	81	E	48.8	1.20	0.40	0.0	0	0	0
24-Jul-08	1800	8.8	88	E	47.2	1.47	0.13	0.0	0	0	0
24-Jul-08	1900	8.7	106	ESE	47.0	15.65	11.23	0.0	0	0	0
24-Jul-08	2000	13.1	135	SE	52.1	4.41	3.34	0.0	0	0	0
24-Jul-08	2100	10.8	182	S	46.3	2.81	6.29	0.0	0	0	0
24-Jul-08	2200	12.5	180	S	44.6	1.47	4.15	0.0	0	0	0
24-Jul-08	2300	10.9	180	S	43.6	2.68	3.21	0.0	0	0	0
24-Jul-08	2400	10.9	183	S	43.3	2.54	2.41	0.0	0	0	0
25-Jul-08	100	14.9	196	SSW	44.1	2.81	4.41	0.0	0	0	0
25-Jul-08	200	14.7	217	SW	43.5	2.94	3.21	0.0	0	0	0
25-Jul-08	300	11.4	214	SSW	43.1	1.87	3.21	0.0	0	0	0
25-Jul-08	400	7.3	216	SW	40.0	3.48	1.74	0.0	0	0	0
25-Jul-08	500	6.5	264	W	44.4	3.08	3.08	0.0	0	0	0
25-Jul-08	600	5.2	332	NNW	51.9	1.47	2.14	0.0	1	0	0
25-Jul-08	700	6.7	270	W	59.3	3.61	3.48	0.0	0	0	0
25-Jul-08	800	6.9	267	W	55.0	2.14	3.21	0.0	0	0	0
25-Jul-08	900	4.5	263	W	53.2	4.68	2.81	0.0	0	0	0
25-Jul-08	1000	6.7	179	S	55.0	4.28	2.28	0.0	0	0	0
25-Jul-08	1100	7.4	163	SSE	53.1	4.82	4.55	0.0	0	0	0
25-Jul-08	1200	9.2	158	SSE	53.0	12.03	2.27	0.0	0	0	0
25-Jul-08	1300	18.1	168	SSE	55.7	3.21	0.00	0.0	0	0	0
25-Jul-08	1400	17.7	166	SSE	59.7	2.81	0.27	0.0	0	0	0
25-Jul-08	1500	15.4	162	SSE	62.0	1.20	0.27	0.0	0	0	0
25-Jul-08	1600	15.4	155	SSE	61.2	2.94	0.00	0.0	0	0	0
25-Jul-08	1700	21.4	163	SSE	62.0	2.14	0.40	0.0	0	0	0
25-Jul-08	1800	19.3	163	SSE	58.7	2.94	0.13	0.0	0	0	0
25-Jul-08	1900	17.8	179	S	56.6	1.87	1.60	0.0	0	0	0
25-Jul-08	2000	16.5	182	S	46.5	2.68	2.94	0.0	0	0	0
25-Jul-08	2100	13.7	169	S	47.6	1.60	6.69	0.0	0	0	0
25-Jul-08	2200	10.3	179	S	46.3	2.27	7.36	0.0	0	0	0
25-Jul-08	2300	13.5	184	S	45.0	3.21	8.03	0.0	0	0	0
25-Jul-08	2400	14.6	184	S	42.5	2.14	10.30	0.0	0	0	0
26-Jul-08	100	14.0	192	SSW	45.0	3.48	3.88	0.0	0	0	0
26-Jul-08	200	15.5	193	SSW	46.0	4.55	4.28	0.0	0	0	0
26-Jul-08	300	14.3	185	S	46.9	2.28	4.28	0.0	0	0	0
26-Jul-08	400	15.4	196	SSW	48.2	2.94	2.28	0.0	0	0	0
26-Jul-08	500	15.0	227	SW	45.7	2.94	2.68	0.0	0	0	0
26-Jul-08	600	14.3	243	WSW	55.6	2.14	2.54	0.0	0	0	0

26-Jul-08	700	14.3	236	SW	57.4	2.41	1.87	0.0	0	0	0
26-Jul-08	800	6.1	272	W	49.2	3.08	2.28	0.0	0	0	0
26-Jul-08	900	9.1	281	W	56.3	3.35	2.94	0.0	0	0	0
26-Jul-08	1000	8.1	274	W	60.3	3.75	4.28	0.0	0	0	0
26-Jul-08	1100	7.6	266	W	61.1	5.08	1.87	0.0	0	0	0
26-Jul-08	1200	9.5	288	WMW	59.9	11.38	10.43	0.0	0	0	0
26-Jul-08	1300	6.8	254	WSW	61.5	23.54	16.05	0.0	0	0	0
26-Jul-08	1400	7.4	274	W	62.2	18.19	-0.13	0.0	0	0	0
26-Jul-08	1500	7.4	196	SSW	61.9	12.18	2.41	0.0	0	0	0
26-Jul-08	1600	14.2	212	SSW	58.9	6.82	7.22	0.0	0	0	0
26-Jul-08	1700	15.0	68	ENE	62.0	10.30	10.96	0.0	0	0	0
26-Jul-08	1800	20.1	23	NNE	56.0	11.50	12.83	0.0	0	0	0
26-Jul-08	1900	9.6	53	NE	56.5	16.05	13.65	0.0	0	0	0
26-Jul-08	2000	11.6	351	N	48.9	10.43	10.16	0.0	0	0	0
26-Jul-08	2100	22.1	332	NNW	46.4	6.29	8.29	0.0	0	0	0
26-Jul-08	2200	17.9	332	NNW	45.3	7.09	7.76	0.0	0	0	0
26-Jul-08	2300	16.9	263	W	49.2	5.35	CAL	0.1	0	0	0
26-Jul-08	2400	10.1	315	NW	40.4	6.15	6.29	0.3	0	0	0
27-Jul-08	100	10.9	301	WMW	38.1	6.02	8.96	0.0	0	0	0
27-Jul-08	200	14.6	242	WSW	44.3	8.16	8.56	0.0	0	0	0
27-Jul-08	300	12.0	234	SW	40.4	6.56	6.56	0.0	0	0	0
27-Jul-08	400	14.4	273	W	44.7	6.42	7.76	0.0	0	0	0
27-Jul-08	500	13.7	346	NNW	39.0	6.96	5.89	0.0	0	0	0
27-Jul-08	600	11.3	340	NNW	46.0	4.95	4.68	0.0	0	0	0
27-Jul-08	700	11.9	331	NNW	43.1	5.35	4.42	0.0	0	0	0
27-Jul-08	800	7.9	303	WMW	59.6	6.02	5.49	0.0	0	0	0
27-Jul-08	900	5.6	353	N	63.1	6.69	6.69	0.0	0	0	0
27-Jul-08	1000	4.0	354	N	62.2	8.16	7.89	0.0	0	0	0
27-Jul-08	1100	10.1	215	SW	54.1	4.82	1.87	0.0	0	0	0
27-Jul-08	1200	6.4	343	NNW	52.5	4.28	0.13	0.0	0	0	0
27-Jul-08	1300	9.4	183	S	60.1	4.95	0.00	0.0	0	0	0
27-Jul-08	1400	8.7	284	WMW	58.1	4.55	4.68	0.2	0	0	0
27-Jul-08	1500	9.3	67	ENE	61.7	3.48	7.36	0.3	0	0	0
27-Jul-08	1600	14.2	56	NE	64.4	CAL	CAL	0.0	0	0	0
27-Jul-08	1700	16.7	43	NE	66.4	11.50	5.62	0.2	0	0	0
27-Jul-08	1800	28.1	1	N	53.9	4.41	8.96	1.2	0	0	0
27-Jul-08	1900	7.2	2	N	48.9	1.87	6.55	0.8	0	0	0
27-Jul-08	2000	10.3	310	NW	43.8	2.54	3.21	0.0	0	0	0
27-Jul-08	2100	10.2	248	WSW	41.7	2.41	4.01	0.0	0	0	0
27-Jul-08	2200	10.4	261	W	42.4	2.68	3.34	0.0	0	0	0
27-Jul-08	2300	11.2	269	W	41.0	3.75	3.08	0.0	0	0	0
27-Jul-08	2400	13.1	249	WSW	43.1	2.94	2.14	0.0	0	0	0
28-Jul-08	100	12.0	238	WSW	40.2	1.87	3.48	0.0	0	0	0
28-Jul-08	200	11.2	224	SW	39.1	1.74	1.61	0.0	0	0	0
28-Jul-08	300	6.9	6	N	37.8	3.61	1.74	0.0	0	0	0
28-Jul-08	400	10.8	322	NW	45.3	0.67	0.54	0.0	0	0	0
28-Jul-08	500	13.8	319	NW	44.4	1.07	1.34	0.0	0	0	0
28-Jul-08	600	12.1	327	NNW	61.4	1.61	0.40	0.0	0	0	0
28-Jul-08	700	11.9	348	NNW	62.4	8.30	2.28	0.0	0	0	0