8월 8일 굴뚝별 트랜드

					08-08 00:00	08-08 00:30	08-08 01:00	08-08 01:30	08-08 02:00	08-08 02:30	08-08 03:00	08-08 03:30	08-08 04:00	08-08 04:30	08-08 05:00	08-08 05:30	08-08 06:00	08-08 06:30	08-08 07:00	08-08 07:30
TSP	20	mg/Sm³	12	1	0.61	0.47	0.49	0.51	0.45	0.46	0.45	0.43	0.63	0.51	0.50	0.49	0.51	0.46	0.47	0.50
SOx	30	ppm	12	1	0.00	0.03	0.01	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.24	0.00
NOx	70	ppm	12	1	24.44	21.89	16.43	15.71	22.14	13.60	17.11	18.71	15.71	15.34	17.20	20.16	18.09	24.48	25.65	17.50
HCl	15	ppm	12	1	3.78	3.62	3.43	2.13	1.44	1.97	1.46	1.82	2.60	1.37	1.53	2.06	2.36	2.87	4.32	3.92
CO	50	ppm	12	1	0.32	0.30	0.31	0.46	0.23	0.40	0.80	1.65	0.76	0.24	0.16	0.12	0.29	0.10	0.11	0.21
O_2		%	0	0.1	9.04	6.10	6.94	7.79	6.15	5.96	5.25	5.01	9.47	7.45	7.12	7.30	7.21	5.41	5.63	6.82
FL1		Sm³	12	10	12,167	15,215	14,017	12,887	14,861	14,759	15,708	15,734	11,191	13,744	14,069	13,805	14,425	16,468	15,966	14,701
TMP		℃	0	1	174.23	173.85	173.37	172.13	170.74	171.99	173.40	172.73	172.26	171.57	172.63	172.47	172.97	173.92	175.03	175.27
TM1		℃	0	1	1,061.27	1,068.15	1,036.30	987.49	1,076.25	1,062.85	1,095.89	1,106.12	1,042.91	1,020.45	1,040.45	1,054.25	1,025.35	1,093.55	1,110.67	1,049.11
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					08-08 08:00	08-08 08:30	08-08 09:00	08-08 09:30	08-08 10:00	08-08 10:30	08-08 11:00	08-08 11:30	08-08 12:00	08-08 12:30	08-08 13:00	08-08 13:30	08-08 14:00	08-08 14:30	08-08 15:00	08-08 15:30
TSP	20	mg/Sm³	12	1	0.60	0.47	0.47	0.44	0.44	0.44	0.44	0.47	0.59	0.44	0.42	0.43	0.45	0.48	0.44	0.47
SOx	30	ppm	12	1	0.08	0.00	0.03	0.27	2.20	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
NOx	70	ppm	12	1	24.54	16.00	18.93	22.22	19.82	21.77	22.08	16.97	23.42	17.22	18.11	18.92	17.13	22.67	19.95	16.35
HCl	15	ppm	12	1	3.66	2.68	1.83	2.11	2.84	2.39	1.93	1.89	1.98	1.27	1.61	1.58	1.87	1.61	1.47	1.63
CO	50	ppm	12	1	0.31	0.18	0.20	0.28	1.16	0.11	0.15	0.16	0.21	0.88	2.49	0.22	0.34	0.30	0.32	0.34
O_2		%	0	0.1	8.27	6.27	6.13	5.29	5.70	6.16	5.75	6.94	9.55	6.18	5.64	5.68	6.36	7.68	6.47	7.42
FL1		Sm³	12	10	13,386	15,414	15,522	16,296	15,868	15,334	15,688	14,509	11,945	15,511	15,841	15,919	14,797	13,441	14,887	13,792
TMP		℃	0	1	175.02	175.65	174.43	174.45	175.57	174.19	174.19	174.20	173.70	173.89	174.40	174.74	174.56	174.23	173.41	174.30
TM1		℃	0	1	1,105.51	1,064.63	1,070.03	1,120.22	1,106.15	1,075.53	1,095.78	1,029.68	1,041.33	1,055.30	1,094.61	1,085.35	1,066.26	1,017.98	1,054.46	1,000.77
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					08-08 16:00	08-08 16:30	08-08 17:00	08-08 17:30	08-08 18:00	08-08 18:30	08-08 19:00	08-08 19:30	08-08 20:00	08-08 20:30	08-08 21:00	08-08 21:30	08-08 22:00	08-08 22:30	08-08 23:00	08-08 23:30
TSP	20	mg/Sm³	12	1	0.58	0.44	0.45	0.41	0.47	0.45	0.46	0.47	0.59	0.45	0.47	0.49	0.46	0.46	0.46	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.89	0.19	0.00	0.00	0.00	0.00	0.04
NOx	70	ppm	12	1	22.42	15.11	17.28	21.41	12.73	16.36	19.11	15.44	26.74	25.06	25.89	14.39	22.66	19.23	23.82	31.28
HCl	15	ppm	12	1	1.54	1.49	1.39	1.11	1.94	1.37	1.80	1.59	2.23	2.96	3.40	2.57	1.63	1.99	1.47	2.01
CO	50	ppm	12	1	0.28	0.65	0.59	0.18	0.23	0.27	0.41	0.27	0.47	0.12	0.17	0.38	0.19	0.24	0.09	0.14
O_2		%	0	0.1	9.50	6.67	7.26	5.18	7.40	6.90	6.54	7.09	8.52	5.72	6.57	8.00	7.08	6.81	6.97	6.01
FL1		Sm³	12	10	11,906	14,622	13,941	16,367	13,608	14,402	14,884	14,119	13,025	15,750	14,896	12,929	14,257	14,475	14,016	15,629
TMP		℃	0	1	173.43	173.86	173.02	173.53	174.48	172.81	172.59	173.68	172.87	173.79	174.26	172.13	171.06	172.65	172.53	172.00
TM1		℃	0	1	1,027.93	1,027.71	999.46	1,102.75	1,022.08	1,048.88	1,046.32	1,017.94	1,077.98	1,097.88	1,073.46	1,010.11	1,048.81	1,037.31	1,049.67	1,094.31
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

8월 9일 굴뚝별 트랜드

					08-09 00:00	08-09 00:30	08-09 01:00	08-09 01:30	08-09 02:00	08-09 02:30	08-09 03:00	08-09 03:30	08-09 04:00	08-09 04:30	08-09 05:00	08-09 05:30	08-09 06:00	08-09 06:30	08-09 07:00	08-09 07:30
TSP	20	mg/Sm³	12	1	0.62	0.48	0.46	0.46	0.49	0.46	0.46	0.48	0.64	0.49	0.51	0.50	0.50	0.51	0.50	0.47
SOx	30	ppm	12	1	0.35	0.07	0.47	0.26	0.00	0.03	0.00	0.25	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	33.71	23.67	25.41	25.80	21.02	22.41	23.22	26.50	32.76	28.27	22.60	25.30	24.77	24.45	19.69	21.00
HCl	15	ppm	12	1	3.19	1.89	2.02	3.20	2.68	1.88	2.34	3.08	3.32	1.96	2.26	1.77	2.60	2.85	1.83	1.23
CO	50	ppm	12	1	0.25	0.22	0.16	0.09	0.13	0.14	0.13	0.12	0.20	0.14	0.21	0.24	0.25	0.33	0.40	0.16
O_2		%	0	0.1	9.46	6.70	6.46	6.34	6.99	6.19	6.18	6.54	9.46	6.70	7.27	6.94	7.14	7.52	7.70	6.66
FL1		Sm³	12	10	12,033	14,604	15,022	15,082	14,443	15,301	15,453	14,871	11,812	14,735	14,004	14,513	14,243	13,634	13,234	14,715
TMP		℃	0	1	173.67	173.38	172.53	173.08	173.08	172.05	172.75	173.22	172.53	172.81	172.54	171.71	170.84	171.60	170.32	171.03
TM1		℃	0	1	1,065.01	1,056.32	1,076.55	1,088.11	1,050.50	1,079.19	1,078.48	1,071.81	1,070.02	1,078.64	1,041.55	1,040.91	1,038.82	1,020.29	1,021.62	1,055.32
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					08-09 08:00	08-09 08:30	08-09 09:00	08-09 09:30	08-09 10:00	08-09 10:30	08-09 11:00	08-09 11:30	08-09 12:00	08-09 12:30	08-09 13:00	08-09 13:30	08-09 14:00	08-09 14:30	08-09 15:00	08-09 15:30
TSP	20	mg/Sm³	12	1	0.62	0.48	0.41	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.48	0.73	0.60	0.36	0.36	0.35
SOx	30	ppm	12	1	0.17	0.00	0.23	0.25	0.03	5.56	27.30	0.17	0.14	0.36	0.32	25.24	10.03	2.38	1.66	5.05
NOx	70	ppm	12	1	37.51	21.97	17.72	0.00	0.00	13.35	62.44	0.42	0.06	0.00	24.10	48.97	34.84	38.02	25.12	33.26
HCl	15	ppm	12	1	2.62	2.10	2.17	0.84	0.69	3.43	22.84	0.39	0.24	0.23	1.69	5.64	7.20	11.87	19.15	18.65
CO	50	ppm	12	1	0.11	0.13	0.13	0.05	0.04	16.46	76.48	0.28	0.00	0.00	0.25	60.17	22.02	0.47	0.74	0.46
O_2		%	0	0.1	8.14	6.35	10.32	21.10	20.94	14.89	0.02	20.95	21.12	20.96	11.51	0.44	5.77	7.27	8.31	6.94
FL1		Sm³	12	10	12,938	15,198	17,265	18,537	18,426	18,521	18,338	18,768	18,370	18,373	15,425	9,161	12,033	18,428	18,300	18,147
TMP		℃	0	1	173.63	174.05	173.22	173.83	173.80	173.38	174.67	173.22	173.59	175.21	173.78	173.64	173.25	173.32	174.58	174.51
TM1		℃	0	1	1,130.50	1,068.41	1,073.07	1,103.59	1,054.27	1,138.49	999.39	1,056.22	1,116.32	1,057.30	1,053.34	1,065.19	1,042.53	1,042.56	980.02	1,014.78
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.14	36.13	36.15	36.13	36.14	36.13	36.00	35.98	35.99	36.20	36.24	36.23

					08-09 16:00	08-09 16:30	08-09 17:00	08-09 17:30	08-09 18:00	08-09 18:30	08-09 19:00	08-09 19:30	08-09 20:00	08-09 20:30	08-09 21:00	08-09 21:30	08-09 22:00	08-09 22:30	08-09 23:00	08-09 23:30
TSP	20	mg/Sm³	12	1	0.33	0.37	0.46	0.47	0.45	0.44	0.45	0.47	0.60	0.48	0.51	0.49	0.46	0.47	0.45	0.47
SOx	30	ppm	12	1	4.78	0.00	0.00	0.00	0.00	0.00	0.00	0.10	1.86	0.00	1.85	1.10	0.00	0.00	0.00	0.04
NOx	70	ppm	12	1	24.26	33.99	17.87	17.32	17.93	17.05	17.65	16.40	21.65	18.61	18.12	20.65	17.75	18.76	19.42	18.13
HCl	15	ppm	12	1	19.49	5.54	2.65	2.77	2.38	2.83	2.55	3.34	8.60	3.84	4.04	8.01	4.27	2.71	2.41	2.81
CO	50	ppm	12	1	0.82	0.70	0.39	0.52	0.38	0.52	0.38	0.47	0.47	0.37	0.46	0.19	0.33	0.24	0.37	0.26
O_2		%	0	0.1	10.44	7.45	7.39	7.39	7.11	6.33	6.73	6.77	9.46	6.90	8.25	7.88	6.30	6.57	5.90	6.22
FL1		Sm³	12	10	17,785	16,552	13,529	13,715	14,099	15,020	14,571	14,618	12,195	14,824	13,139	13,387	14,818	14,538	15,406	14,767
TMP		℃	0	1	173.77	172.13	171.98	172.08	172.44	172.25	173.26	172.64	172.90	172.30	171.31	170.66	172.28	172.06	171.63	171.87
TM1		℃	0	1	987.65	1,028.71	1,020.63	1,006.29	1,006.07	1,059.29	1,032.71	1,036.11	1,026.72	1,032.31	989.53	1,029.65	1,049.67	1,051.15	1,072.09	1,061.43
TM3		℃	0	1	36.29	36.27	36.26	36.28	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

8월 10일 굴뚝별 트랜드

					08-10 00:00	08-10 00:30	08-10 01:00	08-10 01:30	08-10 02:00	08-10 02:30	08-10 03:00	08-10 03:30	08-10 04:00	08-10 04:30	08-10 05:00	08-10 05:30	08-10 06:00	08-10 06:30	08-10 07:00	08-10 07:30
TSP	20	mg/Sm³	12	1	0.62	0.47	0.49	0.46	0.47	0.46	0.49	0.48	0.60	0.51	0.52	0.51	0.51	0.51	0.52	0.56
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	4.11	1.29	0.05	0.00
NOx	70	ppm	12	1	24.55	19.31	21.46	18.14	19.13	18.20	17.46	20.08	27.49	17.28	21.99	24.30	21.61	24.99	19.65	25.93
HCl	15	ppm	12	1	3.08	2.44	2.55	2.33	2.45	2.63	2.54	2.23	3.02	2.33	1.82	4.99	9.19	6.51	3.81	2.87
CO	50	ppm	12	1	0.39	0.74	0.30	0.25	0.34	0.30	0.36	0.22	0.10	0.29	0.15	0.15	0.11	0.11	0.35	0.66
O_2		%	0	0.1	9.25	6.32	6.86	6.18	6.61	6.28	7.24	6.92	9.67	7.93	8.41	7.95	7.73	7.66	8.14	9.21
FL1		Sm³	12	10	12,086	14,720	14,227	14,948	14,540	14,807	13,999	14,323	11,657	12,890	12,865	14,231	14,266	13,570	12,751	12,067
TMP		℃	0	1	171.97	171.36	172.14	170.99	170.99	171.08	171.41	170.75	171.58	171.13	169.92	171.19	174.14	173.31	171.23	170.04
TM1		℃	0	1	1,051.71	1,080.03	1,044.15	1,060.53	1,033.07	1,058.91	1,009.61	1,047.63	1,051.80	1,030.96	1,025.61	1,039.17	1,048.46	1,046.65	1,023.52	957.76
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-10 08:00	08-10 08:30	08-10 09:00	08-10 09:30	08-10 10:00	08-10 10:30	08-10 11:00	08-10 11:30	08-10 12:00	08-10 12:30	08-10 13:00	08-10 13:30	08-10 14:00	08-10 14:30	08-10 15:00	08-10 15:30
TSP	20	mg/Sm³	12	1	0.60	0.41	0.46	0.43	0.45	0.46	0.46	0.45	0.59	0.44	0.47	0.45	0.45	0.45	0.49	0.46
SOx	30	ppm	12	1	0.06	1.22	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.01	0.00
NOx	70	ppm	12	1	27.62	23.97	20.99	23.60	21.94	17.00	19.53	20.24	34.67	21.66	18.55	24.35	18.86	22.32	21.90	18.35
HCl	15	ppm	12	1	3.95	4.32	2.09	1.34	1.54	1.68	1.50	1.87	2.23	1.93	1.39	0.98	2.26	2.27	2.95	2.91
CO	50	ppm	12	1	0.37	1.64	0.37	0.12	0.13	0.19	0.18	0.16	0.37	0.20	0.18	0.12	0.17	2.24	0.23	0.19
O_2		%	0	0.1	9.91	4.96	6.01	6.09	5.89	6.17	6.10	5.99	8.11	5.53	6.71	6.73	5.88	5.40	6.66	6.30
FL1		Sm³	12	10	12,420	15,544	14,463	14,432	15,042	14,829	15,087	14,959	12,518	15,453	13,957	14,686	15,546	16,357	14,992	15,431
TMP		℃	0	1	170.70	172.40	171.63	169.61	169.69	171.77	171.16	170.27	171.84	171.56	171.08	169.77	171.37	174.01	173.66	173.22
TM1		℃	0	1	1,033.41	1,122.98	1,064.75	1,081.48	1,073.17	1,053.56	1,048.01	1,063.67	1,073.72	1,083.59	1,032.05	1,047.31	1,070.69	1,097.01	1,051.78	1,047.43
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-10 16:00	08-10 16:30	08-10 17:00	08-10 17:30	08-10 18:00	08-10 18:30	08-10 19:00	08-10 19:30	08-10 20:00	08-10 20:30	08-10 21:00	08-10 21:30	08-10 22:00	08-10 22:30	08-10 23:00	08-10 23:30
TSP	20	mg/Sm³	12	1	0.62	0.44	0.44	0.45	0.45	0.45	0.44	0.49	0.61	0.47	0.47	0.48	0.49	0.47	0.46	0.45
SOx	30	ppm	12	1	0.00	0.11	1.42	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33
NOx	70	ppm	12	1	25.42	21.39	18.77	19.06	14.99	15.31	21.89	17.13	26.53	14.51	17.33	17.27	14.68	22.32	20.14	20.04
HCl	15	ppm	12	1	3.00	2.03	4.29	2.78	2.09	1.58	1.47	2.01	2.41	2.02	2.34	2.54	1.99	1.72	2.58	3.54
CO	50	ppm	12	1	0.22	0.29	2.57	0.17	0.22	0.21	0.14	0.17	0.26	0.50	0.30	0.39	1.34	0.30	0.24	0.68
O_2		%	0	0.1	9.26	5.02	4.92	5.75	6.05	6.28	5.62	6.65	9.10	6.22	6.09	6.66	7.04	6.60	5.78	5.55
FL1		Sm³	12	10	12,291	16,889	16,206	14,688	14,250	14,372	15,891	15,221	12,815	15,720	15,826	15,224	14,449	15,108	16,305	16,637
TMP		℃	0	1	173.24	173.40	174.61	173.49	170.82	169.66	170.61	173.47	173.51	173.52	173.85	173.29	172.60	171.82	173.21	174.23
TM1		℃	0	1	1,040.73	1,102.39	1,116.81	1,058.69	1,049.44	1,049.22	1,088.31	1,037.13	1,057.37	1,062.09	1,067.49	1,025.83	1,021.97	1,055.17	1,069.45	1,085.65
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25