7월 8일 굴뚝별 트랜드

					07-08 00:00	07-08 00:30	07-08 01:00	07-08 01:30	07-08 02:00	07-08 02:30	07-08 03:00	07-08 03:30	07-08 04:00	07-08 04:30	07-08 05:00	07-08 05:30	07-08 06:00	07-08 06:30	07-08 07:00	07-08 07:30
TSP	20	mg/Sm³	12	1	1.1	0.89	0.91	0.92	0.89	0.86	0.93	0.87	1.02	0.97	0.9	0.9	0.94	0.93	0.91	0.97
SOx	30	ppm	12	1	8.74	0.72	0.01	0	0.1	1.5	1.85	4.25	66.05	1.92	0.69	1.62	0.23	0.34	0.21	0
NOx	70	ppm	12	1	32.04	30	37.73	32.37	34.31	30.34	26.1	24.81	6.98	2.61	6.9	9.66	8.06	13.67	22.23	22.81
HCl	15	ppm	12	1	8.67	11.46	4.71	4.12	3.78	3.91	4.66	2.95	2.24	3.22	1.32	1.99	3.62	2.93	2.7	4.01
CO	50	ppm	12	1	0.7	0.17	0.58	0.24	0.28	12.74	25.03	17.37	175.73	7.44	1.72	10.49	1	0.63	0.59	0.57
O_2		%	0	0.1	8.83	6.69	7.1	7.28	6.94	6.64	7.19	6.68	4.92	7.91	7.01	6.71	7.65	7.45	7.35	8.25
FL1		Sm³	12	10	12,456.5	13,698.8	13,804.9	13,816.3	14,513	14,938.4	14,044.5	15,103.9	14,773.6	13,046.5	14,320.8	14,711.1	13,633.1	13,591.9	13,639.1	12,692.8
TMP		℃	0	1	187.49	187.17	186.04	185.75	186.7	187.43	187.16	187.1	189.77	188.47	187.72	187.9	186.76	185.5	185.71	185.95
TM1		℃	0	1	1,131.76	1,154.97	1,149.09	1,113.28	1,099.7	1,118.97	1,093.03	1,096.47	1,162.75	1,064.37	1,088.53	1,113.92	1,092.41	1,100.65	1,101.37	1,074.95
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-08 08:00	07-08 08:30	07-08 09:00	07-08 09:30	07-08 10:00	07-08 10:30	07-08 11:00	07-08 11:30	07-08 12:00	07-08 12:30	07-08 13:00	07-08 13:30	07-08 14:00	07-08 14:30	07-08 15:00	07-08 15:30
TSP	20	mg/Sm³	12	1	1.12	0.91	0.89	0.85	0.9	0.87	1	0.88	1.15	0.96	0.98	0.92	0.87	0.87	0.93	0.85
SOx	30	ppm	12	1	0.02	0.58	0	0.07	0.01	0.44	0	0	0.06	0	0	0	1.77	0.36	0	0.13
NOx	70	ppm	12	1	24.64	14.51	14.68	14.49	17.46	16.92	16.85	17.22	21	12.8	14.68	19.35	16.81	16.65	17.54	16.43
HCl	15	ppm	12	1	3.77	3.63	3.23	2.65	3.66	3.81	5.67	3.15	3.9	3.77	3.9	3	4.63	4.14	5.29	4.21
CO	50	ppm	12	1	0.75	0.59	9.73	0.5	0.52	0.53	0.87	0.49	0.63	0.61	0.6	0.4	0.29	0.41	0.55	0.43
O_2		%	0	0.1	9.96	7.14	6.89	6.32	6.73	6.46	8.26	6.7	9.16	7.47	7.98	7.27	6.44	6.38	7.27	6.14
FL1		Sm³	12	10	11,901.3	13,353.7	13,758.1	14,420.3	13,747.7	13,935.9	12,176.4	13,866.5	11,314.1	12,824.4	12,038.4	12,840.3	13,674.7	14,162	13,311	14,399.6
TMP		℃	0	1	186.47	186.77	186.52	186.42	186.95	186.59	185.88	185.39	186.69	186.59	185.31	184.64	184.46	185.97	186.77	187.11
TM1		℃	0	1	1,081.64	1,056.32	1,044.49	1,061.05	1,072.59	1,078.57	999.79	1,054.07	1,066.03	1,029.14	1,034.03	1,068.12	1,105.08	1,084.36	1,026.87	1,078.55
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-08 16:00	07-08 16:30	07-08 17:00	07-08 17:30	07-08 18:00	07-08 18:30	07-08 19:00	07-08 19:30	07-08 20:00	07-08 20:30	07-08 21:00	07-08 21:30	07-08 22:00	07-08 22:30	07-08 23:00	07-08 23:30
TSP	20	mg/Sm³	12	1	1.11	0.91	0.88	0.9	0.9	0.85	0.9	0.85	1.13	0.95	0.86	0.88	0.95	0.85	0.84	0.89
SOx	30	ppm	12	1	0.74	0.47	0	0.06	0.31	0	0	0	0.92	0	0	0	0	0	0	0
NOx	70	ppm	12	1	21.44	11.92	14.89	13.87	16.57	19.5	18.58	15.77	25.56	13.43	17.47	14.88	15.93	15.09	15.31	16.15
HCl	15	ppm	12	1	5.37	5.98	5.03	5.24	6.03	4.05	4.15	2.93	3.16	3.35	2.35	2.27	3.19	3.09	3.97	3.87
CO	50	ppm	12	1	0.55	0.48	0.41	0.55	0.49	0.65	0.51	0.44	0.45	0.59	0.61	1.11	0.92	2.72	0.55	0.49
O_2		%	0	0.1	8.76	7.11	6.9	6.99	6.67	5.98	6.87	6.34	9.03	7.63	6.57	6.51	7.43	6.33	6.17	6.86
FL1		Sm³	12	10	11,844.7	13,261.2	13,583.7	13,670.5	13,768.6	14,531	13,471.3	14,079	11,151.1	12,813.5	14,529.3	14,627.2	13,843	14,908	15,088.4	14,327.2
TMP		℃	0	1	187.23	186.86	187.23	187.67	188.04	187.68	186.63	185.66	185.72	185.6	185.96	186.63	187.08	186.74	186.98	186.75
TM1		℃	0	1	1,086.81	1,043.43	1,035.73	1,028.55	1,053.87	1,089.61	1,066.94	1,089.27	1,106.51	1,017.03	1,043.89	1,043.28	992.13	1,040.19	1,067.51	1,046.67
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

7월 9일 굴뚝별 트랜드

					07-09 00:00	07-09 00:30	07-09 01:00	07-09 01:30	07-09 02:00	07-09 02:30	07-09 03:00	07-09 03:30	07-09 04:00	07-09 04:30	07-09 05:00	07-09 05:30	07-09 06:00	07-09 06:30	07-09 07:00	07-09 07:30
TSP	20	mg/Sm³	12	1	1.17	0.94	0.94	0.84	1.03	0.93	0.98	1	1.17	0.99	0.92	0.96	1.01	0.94	1.02	0.99
SOx	30	ppm	12	1	0	0	0	0.03	0	0	0	0	0.14	0	0.06	0.38	0	5.95	0.01	0
NOx	70	ppm	12	1	23.43	17.94	15.54	16.89	11.63	13.03	15.53	13.02	19.45	15.84	15.07	16.9	17.05	21.54	18.1	17.02
HCl	15	ppm	12	1	4.07	2.65	3.02	1.84	6.07	3.89	5.13	6.32	5.73	4.77	4.91	5.62	6.66	5.68	7.48	4.49
CO	50	ppm	12	1	0.47	0.57	0.61	0.51	0.67	0.48	0.55	0.7	0.56	0.5	0.28	0.39	0.47	0.26	0.5	0.59
O_2		%	0	0.1	9.91	7.52	7.4	5.75	8.4	7.41	7.81	8.15	9.63	8.03	7.11	7.64	8.27	7.53	8.48	8.16
FL1		Sm³	12	10	11,177.9	13,503.6	13,986.8	15,838	12,446.8	13,507.1	13,127.1	12,637.2	11,249.1	12,779.3	13,516.5	13,028.7	12,336.9	13,158.1	12,125.2	12,800.6
TMP		℃	0	1	186.37	186.25	186.38	186.93	186.82	185.98	186.47	186.38	186.05	185.52	185.85	186.03	185.96	186.3	185.85	186.19
TM1		℃	0	1	1,048.31	1,026.07	1,017.49	1,084.68	990.19	1,041.92	1,026.34	1,009.21	1,074.85	1,041.46	1,083.98	1,066.31	1,047.77	1,084.06	1,044.11	1,038.91
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-09 08:00	07-09 08:30	07-09 09:00	07-09 09:30	07-09 10:00	07-09 10:30	07-09 11:00	07-09 11:30	07-09 12:00	07-09 12:30	07-09 13:00	07-09 13:30	07-09 14:00	07-09 14:30	07-09 15:00	07-09 15:30
TSP	20	mg/Sm³	12	1	1.11	0.93	0.88	0.89	0.83	0.87	0.79	0.88	1.19	0.89	0.88	0.83	0.89	0.97	0.81	0.88
SOx	30	ppm	12	1	3.16	1.51	0.04	9.61	2.56	0	0.62	0.03	0	0	0	0	0	0	0.01	0
NOx	70	ppm	12	1	34.53	27.76	20.8	21	21.9	18.71	16.91	16.52	16.99	13.89	15.17	13.32	13.08	12.01	15.45	9.68
HCl	15	ppm	12	1	4.42	5.86	4.9	6.25	6.03	5.55	3.16	4.91	5.37	3.48	3.61	3.88	5.91	5.4	3.53	5.63
CO	50	ppm	12	1	0.41	0.27	0.55	14.04	0.7	0.35	31.09	0.41	0.89	0.55	0.44	1.17	0.38	0.98	0.81	0.35
O_2		%	0	0.1	9.02	7.34	6.67	6.63	5.72	6.36	5.31	6.84	10.55	7.14	6.9	6.25	7.18	8.25	5.93	7.15
FL1		Sm³	12	10	11,867	13,537.3	13,754.4	13,721.9	14,699.4	14,032.5	15,152	13,759.3	10,560.8	13,648.7	14,225.4	14,721.1	13,346	12,416.7	14,881.7	13,335.9
TMP		℃	0	1	186.66	187.25	187.17	187.1	186.98	186.71	186.56	186.77	187.1	186.78	187.28	187.74	187.9	187.46	187.11	187.24
TM1		℃	0	1	1,114.26	1,108.96	1,096.43	1,099.68	1,126.33	1,097.37	1,133.97	1,083.19	1,014.07	1,038.07	1,039.71	1,061.67	1,043.11	989.37	1,096.43	1,050
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-09 16:00	07-09 16:30	07-09 17:00	07-09 17:30	07-09 18:00	07-09 18:30	07-09 19:00	07-09 19:30	07-09 20:00	07-09 20:30	07-09 21:00	07-09 21:30	07-09 22:00	07-09 22:30	07-09 23:00	07-09 23:30
TSP	20	mg/Sm³	12	1	1.14	0.92	0.91	0.94	0.88	0.85	0.88	0.87	1.15	0.94	1	0.86	0.91	0.87	0.89	0.89
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0
NOx	70	ppm	12	1	9.61	10.92	15.71	12.03	10.61	11.51	12.33	14.82	20.11	13.47	9.08	16.37	16.73	19.76	18.62	17.47
HCl	15	ppm	12	1	5.69	3.74	3.51	3.7	3.38	4.03	3.91	3.11	3.66	3.18	3.77	3.49	4.18	3.24	4.19	4.03
CO	50	ppm	12	1	0.51	0.38	0.35	0.79	0.57	0.44	0.41	0.26	0.34	0.29	0.63	0.2	0.25	0.3	0.32	0.37
O_2		%	0	0.1	10.16	7.54	7.4	7.74	6.83	6.13	6.55	6.48	9.97	7.82	8.67	6.85	7.45	6.87	7.13	7.07
FL1		Sm³	12	10	10,737	13,076.7	13,509.7	12,987.3	14,052.5	13,929.7	13,391.1	13,195.2	10,535.9	12,203.5	11,626.9	13,679.4	13,062.4	13,932.7	13,669	13,624.1
TMP		℃	0	1	187.35	187.12	186.93	187.26	187.18	187.48	186.26	185.25	185.34	185.12	184.76	184.96	185.51	185.7	185.81	186.23
TM1		℃	0	1	1,033.86	1,040.88	1,036.99	997.07	1,034.83	1,074.71	1,068.26	1,091.43	1,070.15	1,050.73	1,012.51	1,088.25	1,066.42	1,084.99	1,070.29	1,059.25
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

7월 10일 굴뚝별 트랜드

					07-10 00:00	07-10 00:30	07-10 01:00	07-10 01:30	07-10 02:00	07-10 02:30	07-10 03:00	07-10 03:30	07-10 04:00	07-10 04:30	07-10 05:00	07-10 05:30	07-10 06:00	07-10 06:30	07-10 07:00	07-10 07:30
TSP	20	mg/Sm³	12	1	1.11	0.87	0.86	0.91	0.86	0.93	0.88	0.9	1.13	0.87	0.95	0.84	0.98	0.85	0.87	0.93
SOx	30	ppm	12	1	0	0	0	0.07	0	0.13	1.67	0	1.01	2.96	0	0	0	0	0	0
NOx	70	ppm	12	1	27.44	20.83	24.84	17.15	21.35	15.34	15.17	17.88	26.93	16.08	13.29	17.64	13.88	17.24	14.72	17.73
HCl	15	ppm	12	1	4.51	3.44	3.01	3.4	3.25	4.12	4.6	5.3	5.99	9.19	5.74	3.37	4.97	2.79	3.59	3.97
CO	50	ppm	12	1	0.3	0.18	0.15	1.56	0.25	0.43	0.32	0.41	0.44	0.43	0.48	0.31	0.57	0.36	0.3	0.4
O_2		%	0	0.1	9.95	7	6.84	7.5	6.79	7.81	6.95	7.21	9.21	6.43	7.68	6.25	8.16	6.41	6.84	7.75
FL1		Sm³	12	10	11,042.7	13,447	13,735.3	13,134.6	13,865.7	12,648.5	13,907.2	13,833.6	12,006.5	13,731.8	12,476.4	14,302.3	12,169.3	14,252.4	13,694.9	13,380.5
TMP		℃	0	1	186.01	185.65	185.12	185.42	185.69	185.47	186.68	187.51	188.07	187.67	186.22	185.73	185.63	185.65	185.67	186.21
TM1		℃	0	1	1,076.71	1,114.03	1,121.3	1,070.76	1,091.07	1,050.13	1,062.76	1,039.57	1,073.19	1,081.37	1,041.17	1,085.69	1,010.23	1,075.5	1,075.13	1,030.05
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-10 08:00	07-10 08:30	07-10 09:00	07-10 09:30	07-10 10:00	07-10 10:30	07-10 11:00	07-10 11:30	07-10 12:00	07-10 12:30	07-10 13:00	07-10 13:30	07-10 14:00	07-10 14:30	07-10 15:00	07-10 15:30
TSP	20	mg/Sm³	12	1	1.17	0.9	0.79	0.81	0.9	0.89	0.83	0.89	1.06	0.83	0.9	0.89	0.83	0.88	0.84	0.86
SOx	30	ppm	12	1	0	0	1.87	2.17	0	0	0	0	0	0	0	0	5.82	0	0.05	4.14
NOx	70	ppm	12	1	22.86	15.59	18.77	16.46	13.99	13.86	15.31	13.84	24.66	16.09	13.58	11.06	13.04	14.47	12.43	8.4
HCl	15	ppm	12	1	4.72	3.7	3.54	5.03	6.43	4.83	4.03	4.8	3.64	3.22	3.9	3.28	3.52	7.29	4.3	4.63
CO	50	ppm	12	1	0.63	0.54	4	6.93	0.37	0.33	0.27	0.31	0.2	0.18	0.37	0.47	16.17	1.99	4.54	35.75
O_2		%	0	0.1	10.43	7.1	5.4	5.47	7.15	7.1	6.22	7.23	8.64	6.38	7.41	7.11	6.16	6.81	6.21	6.04
FL1		Sm³	12	10	11,012.5	13,853.5	15,991.4	15,837.5	13,809.8	13,869.2	14,571.2	13,428.6	12,406.8	14,714.1	13,976.8	14,589.4	15,722.6	14,600.1	15,488.5	15,373
TMP		℃	0	1	187.02	187.2	187.97	188.69	188.27	187.47	187.21	186.86	186.78	186.81	187.65	188.51	189.49	189.62	188.81	189.32
TM1		℃	0	1	1,014.15	1,027.55	1,094.1	1,095.31	1,031.13	1,035.94	1,087.65	1,046.03	1,117.2	1,093.81	1,031.97	1,004.93	1,042.83	1,039.07	1,051.41	1,056.7
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-10 16:00	07-10 16:30	07-10 17:00	07-10 17:30	07-10 18:00	07-10 18:30	07-10 19:00	07-10 19:30	07-10 20:00	07-10 20:30	07-10 21:00	07-10 21:30	07-10 22:00	07-10 22:30	07-10 23:00	07-10 23:30
TSP	20	mg/Sm³	12	1	1.1	0.83	0.93	0.95	0.81	0.89	0.83	0.9	1.2	0.84	0.89	0.83	0.87	0.91	1.03	0.84
SOx	30	ppm	12	1	4.54	0.66	3.8	0	1.41	0	0.35	0.02	0.35	0	0	3.93	1.19	5.85	0	1.5
NOx	70	ppm	12	1	18.09	21.08	13.64	16.41	17.92	14.31	16.8	18.42	24.86	18.02	15.19	19.05	21.67	16.72	11.34	17.25
HCl	15	ppm	12	1	6.35	4.48	7.07	5.07	3.28	5.84	4.09	4.39	3.83	2.11	4.02	3.07	5.9	8.55	6.85	4.34
CO	50	ppm	12	1	17.25	0.26	30.31	0.86	18.15	0.42	15.22	9.1	10.36	0.29	0.25	16.91	0.35	0.38	0.8	0.33
O_2		%	0	0.1	8.47	6.06	6.82	7.82	5.82	6.95	6.05	7.07	11.09	6.24	6.98	5.85	6.6	7.01	8.69	6.16
FL1		Sm³	12	10	11,905	15,306.3	14,413.2	13,463.5	15,972.8	14,645.9	15,396.2	14,283.2	10,866.8	15,303.5	14,269.3	15,764.9	14,687.7	14,176	12,624.6	15,639.6
TMP		℃	0	1	188.67	188.57	188.63	187.2	187.24	188.61	188.42	187.82	187.1	187.15	187.81	188.62	189.17	189.1	188.01	188.77
TM1		℃	0	1	1,107.91	1,106.84	1,056.85	1,022.48	1,092.38	1,051.68	1,102.67	1,079.51	1,028.34	1,103.15	1,079.32	1,122.36	1,118.21	1,091.33	990.74	1,079.37
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47