8월 4일 굴뚝별 트랜드

					08-04 00:00	08-04 00:30	08-04 01:00	08-04 01:30	08-04 02:00	08-04 02:30	08-04 03:00	08-04 03:30	08-04 04:00	08-04 04:30	08-04 05:00	08-04 05:30	08-04 06:00	08-04 06:30	08-04 07:00	08-04 07:30
TSP	20	mg/Sm³	12	1	0.51	0.41	0.43	0.43	0.42	0.41	0.4	0.4	0.54	0.42	0.37	0.41	0.43	0.43	0.42	0.44
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0.8	0.01
NOx	70	ppm	12	1	24.15	21.02	16.77	16.37	20.82	18.13	19.68	18.4	26.09	14.63	20.35	15.85	16.85	19.45	20.82	15.03
HCl	15	ppm	12	1	5.24	3.24	3.79	3.58	3.8	2.79	3.05	3.37	4.43	3.46	2.63	3.41	2.82	2.43	2.79	6.15
CO	50	ppm	12	1	0.37	0.35	0.49	0.48	0.6	0.54	0.27	0.51	0.26	0.27	9.32	0.4	0.53	0.27	13.28	0.28
O_2		%	0	0.1	10.11	6.92	7.51	7.43	7.71	6.41	5.71	5.47	8.66	6.89	5.61	7.82	7.43	5.99	4.44	5.92
FL1		Sm³	12	10	11,171.3	14,195.6	13,659.6	13,741.7	13,347.8	15,034.5	15,815	16,172.9	11,996.7	14,321	15,549.4	13,156.2	13,873.1	15,712.8	17,571.1	15,710.6
TMP		℃	0	1	186.76	186.35	186.23	185.96	184.96	185.03	185.86	186.47	186.74	186.18	185.41	184.99	184.89	185.28	186.87	188.41
TM1		℃	0	1	1,014.03	1,024.07	987.07	971.05	971.95	1,027.8	1,055.99	1,076.39	1,061.31	1,029.97	1,099.47	982.15	997.59	1,045.29	1,095.63	1,037.96
TM3		℃	0	1	36.42	36.42	36.43	36.43	36.42	36.41	36.41	36.41	36.4	36.4	36.41	36.4	36.4	36.4	36.4	36.4

					08-04 08:00	08-04 08:30	08-04 09:00	08-04 09:30	08-04 10:00	08-04 10:30	08-04 11:00	08-04 11:30	08-04 12:00	08-04 12:30	08-04 13:00	08-04 13:30	08-04 14:00	08-04 14:30	08-04 15:00	08-04 15:30
TSP	20	mg/Sm³	12	1	0.56	0.4	0.42	0.43	0.37	0.42	0.39	0.41	0.57	0.43	0.44	0.46	0.52	0.47	0.51	0.46
SOx	30	ppm	12	1	0.17	0.27	0	0	0	0	0.03	0.06	0	0.24	0.15	0.07	0	1.37	0	0
NOx	70	ppm	12	1	26.73	18.88	14.73	14.24	17.43	18.01	20.97	20.48	22.45	18.88	20.58	24.52	22.65	24.88	15.99	15.78
HCl	15	ppm	12	1	6.38	5.63	5.06	3.11	2.45	3.72	3.9	5.98	8.77	3.38	3.86	4.56	4.67	5.77	6.28	4.41
CO	50	ppm	12	1	0.37	1.08	0.35	0.43	1.79	0.2	0.17	0.23	0.41	15.47	0.59	0.25	0.33	0.38	0.35	0.33
O_2		%	0	0.1	8.69	5.34	6.88	7.29	5.63	6.43	5.39	5.35	9.78	5.46	5.53	5.91	6.52	5.71	6.78	6.58
FL1		Sm³	12	10	12,412.6	16,176.6	14,357.1	13,907.1	15,551.3	14,916.8	16,075.1	16,228.5	12,017.5	16,345.4	16,275.8	15,957.2	15,559	16,279.9	15,216.9	15,090.5
TMP		℃	0	1	188.18	188.42	187.89	185.69	184.41	185.98	187.1	189.1	190.05	188.59	188.05	189.27	189.89	190.24	190.54	189.4
TM1		℃	0	1	1,043.44	1,086.28	992.46	1,012.74	1,069.66	1,042.69	1,082.03	1,063.78	993.12	1,053.99	1,050.3	1,064.13	1,030.66	1,060.59	1,014.79	1,034.64
TM3		℃	0	1	36.41	36.4	36.41	36.41	36.42	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					08-04 16:00	08-04 16:30	08-04 17:00	08-04 17:30	08-04 18:00	08-04 18:30	08-04 19:00	08-04 19:30	08-04 20:00	08-04 20:30	08-04 21:00	08-04 21:30	08-04 22:00	08-04 22:30	08-04 23:00	08-04 23:30
TSP	20	mg/Sm³	12	1	0.64	0.45	0.46	0.53	0.47	0.5	0.56	0.55	0.7	0.51	0.51	0.52	0.51	0.5	0.52	0.57
SOx	30	ppm	12	1	0.41	0.17	0.7	0	0.14	0	1.11	0.03	0	0	0	0	0.14	3.61	0	0
NOx	70	ppm	12	1	27.49	16.9	22.82	16.54	20.79	16.86	21.05	16.8	26.85	19.31	17.63	18.86	21.04	22.83	19.07	20.17
HCl	15	ppm	12	1	7	7.11	4.99	6.63	4.07	4.28	3.96	5.55	4.9	3.52	3.34	4.38	5.52	6.16	6.54	3.8
CO	50	ppm	12	1	0.24	0.38	12.79	0.55	0.26	0.43	1.61	0.29	0.5	0.43	0.27	0.53	0.3	4.77	0.4	0.59
O_2		%	0	0.1	8.51	6.35	5.48	7.93	5.81	6.76	6.28	6.66	8.73	5.95	6.53	6.42	6.45	5.15	7.63	7.07
FL1		Sm³	12	10	13,134.5	15,290.9	16,722.6	13,950.2	16,478.7	15,314.6	16,041.9	15,497.9	13,289.6	16,358.5	15,579.7	15,832.6	15,618.6	17,199	14,216.5	15,300.8
TMP		℃	0	1	189.74	190.79	189.9	190.5	189.67	189.12	189.09	189.99	189.67	189.12	188.14	188.59	189.93	190.15	189.77	188.71
TM1		℃	0	1	1,095.72	1,012.48	1,057.27	966.59	1,037.61	1,011.38	1,027.21	1,006.69	1,037.94	1,046.99	1,022.71	1,032.85	1,026.37	1,079.11	983.39	1,006.04
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.43	36.43	36.42	36.41	36.4	36.4	36.4	36.4	36.41	36.41	36.4	36.4

8월 5일 굴뚝별 트랜드

					08-05 00:00	08-05 00:30	08-05 01:00	08-05 01:30	08-05 02:00	08-05 02:30	08-05 03:00	08-05 03:30	08-05 04:00	08-05 04:30	08-05 05:00	08-05 05:30	08-05 06:00	08-05 06:30	08-05 07:00	08-05 07:30
TSP	20	mg/Sm³	12	1	0.69	0.54	0.37	0.38	0.37	0.38	0.38	0.37	0.51	0.39	0.57	0.65	0.66	0.47	0.45	0.51
SOx	30	ppm	12	1	0.26	0	0.19	0.16	0	0	0	0	0.02	2.56	0.86	0	0	0	0	0
NOx	70	ppm	12	1	29.23	21.5	19.2	16.05	19.5	17.45	16.85	20.02	28.2	18.84	23.41	24.2	20.94	19.35	15.98	17.18
HCl	15	ppm	12	1	6.03	4.18	3.35	5.7	4.31	3.61	5.1	4.77	4.92	2.35	3.25	3.85	4.97	3.87	3.2	3.62
CO	50	ppm	12	1	0.4	0.35	1.12	0.3	3.86	0.3	0.21	0.19	14.63	52.15	19.45	0.35	0.4	0.52	0.52	0.31
O_2		%	0	0.1	8.76	5.96	5.29	6.41	6.48	7.07	5.92	6	9.19	4.58	6.14	6.38	7.16	7.74	7.6	7.43
FL1		Sm³	12	10	12,782.3	16,506.1	15,931.2	14,532.2	14,370.3	13,753.4	15,134	14,998.8	11,796.3	17,049.4	16,456	16,657.2	15,632.4	13,788.8	13,765.5	14,327.3
TMP		℃	0	1	189.11	189.56	187.52	187.52	187.32	186.12	187.23	187.69	186.99	186.39	187.1	188.29	188.73	187.36	186.19	186.51
TM1		℃	0	1	1,046.86	1,052.89	1,081.69	1,020.51	1,025.63	1,040.75	1,111.53	1,109.02	1,091.9	1,161.68	1,130.2	1,108.29	1,078.9	1,037.18	1,025.98	1,034.71
TM3		℃	0	1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4

					08-05 08:00	08-05 08:30	08-05 09:00	08-05 09:30	08-05 10:00	08-05 10:30	08-05 11:00	08-05 11:30	08-05 12:00	08-05 12:30	08-05 13:00	08-05 13:30	08-05 14:00	08-05 14:30	08-05 15:00	08-05 15:30
TSP	20	mg/Sm³	12	1	0.53	0.39	0.4	0.39	0.53	0.39	0.38	0.36	0.52	0.4	0.39	0.34	0.34	0.38	0.38	0.36
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0.32	0.6	0	0	0	0
NOx	70	ppm	12	1	21.36	16.69	18.69	19.45	22.44	19.62	20.48	18.34	26.12	18.53	19.5	17.14	17.51	19.66	19.08	18.47
HCl	15	ppm	12	1	4.14	3.9	4.06	3.89	4.07	5.51	4.33	4.32	5.34	5.11	4.37	5.79	4.04	4.13	3.85	4.22
CO	50	ppm	12	1	0.42	0.27	0.33	0.46	0.49	0.25	0.31	0.15	0.34	0.42	0.41	0.45	0.33	0.36	0.35	0.3
O_2		%	0	0.1	9.52	6.7	7.25	7.51	7.86	6.47	6.58	5.85	9.38	7.12	6.41	6.37	5.85	6.74	6.45	6.68
FL1		Sm³	12	10	11,792.1	14,381.3	13,756.3	13,374.4	13,946.4	14,515.1	14,412.5	15,078.9	11,758.5	14,087.2	14,916.6	14,126.2	14,772.1	14,281.4	14,742.7	14,214.1
TMP		℃	0	1	186.54	186.82	186.83	186.86	186.76	187.46	187.22	187.22	187.88	187.99	188.02	188.12	187.55	187.31	187.44	187.34
TM1		℃	0	1	1,047.06	1,073.07	1,046.92	1,039.79	1,028.41	1,079.63	1,066.17	1,105.12	1,072.84	1,046.41	1,069.73	1,076.41	1,103.32	1,077.86	1,079.91	1,077.95
TM3		℃	0	1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4

					08-05 16:00	08-05 16:30	08-05 17:00	08-05 17:30	08-05 18:00	08-05 18:30	08-05 19:00	08-05 19:30	08-05 20:00	08-05 20:30	08-05 21:00	08-05 21:30	08-05 22:00	08-05 22:30	08-05 23:00	08-05 23:30
TSP	20	mg/Sm³	12	1	0.49	0.38	0.41	0.37	0.38	0.38	0.42	0.4	0.53	0.42	0.4	0.4	0.4	0.42	0.42	0.4
SOx	30	ppm	12	1	0	0.14	0	0	0.43	0.01	0	0.22	0	0	0	0.06	0.33	1.84	2.79	1.57
NOx	70	ppm	12	1	20.87	16.69	13.26	18.91	16.21	15.41	16.26	14.42	18.43	14.56	16.98	17.12	14.8	15.64	15.59	16.39
HCl	15	ppm	12	1	4.26	3.51	5.71	3.86	4.95	5.69	5.11	5.02	7.92	4.8	4.35	4.36	6.6	7.55	9.51	7.86
CO	50	ppm	12	1	0.54	1.8	0.65	0.36	0.52	0.31	0.41	0.8	0.36	0.32	0.27	0.23	0.28	0.41	0.39	1.14
O_2		%	0	0.1	10.51	5.76	7.84	5.44	6.38	6.94	7.18	5.95	9.66	6.68	6.29	6.36	6.62	7.11	6.87	6.27
FL1		Sm³	12	10	11,292	15,529.6	13,237	15,819	14,742	14,029.8	14,091.3	15,426.2	11,308.2	14,751.1	15,173.9	14,967.5	14,601.8	14,074.2	14,460.9	15,029.2
TMP		℃	0	1	186.83	187.17	188.22	188.21	188.01	187.56	187.87	188.45	188.78	188.15	187.3	187.27	188.02	188.1	187.67	187.78
TM1		℃	0	1	1,003.33	1,078.37	994.88	1,106.29	1,072.39	1,055.53	1,028.12	1,065.57	1,046.41	1,040.71	1,066.82	1,064.59	1,059.9	1,035.22	1,035.93	1,075.05
TM3		℃	0	1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4

8월 6일 굴뚝별 트랜드

					08-06 00:00	08-06 00:30	08-06 01:00	08-06 01:30	08-06 02:00	08-06 02:30	08-06 03:00	08-06 03:30	08-06 04:00	08-06 04:30	08-06 05:00	08-06 05:30	08-06 06:00	08-06 06:30	08-06 07:00	08-06 07:30
TSP	20	mg/Sm³	12	1	0.55	0.4	0.39	0.41	0.41	0.42	0.36	0.4	0.51	0.39	0.38	0.42	0.36	0.4	0.4	0.41
SOx	30	ppm	12	1	0	0	0	0.41	0.95	0	0.79	0	0.36	3.55	1.31	0	0	0	0.46	0
NOx	70	ppm	12	1	19.95	18.03	16.71	18.5	15.51	17.02	14.08	16.78	23.85	16.96	17.31	18.68	17.01	14.24	16.37	16.03
HCl	15	ppm	12	1	7.73	4.35	4.91	5.25	6.18	5.29	5.01	5.02	5.93	4.86	6.56	5.6	3.63	5.2	3.75	4.33
CO	50	ppm	12	1	0.56	1.38	0.2	0.45	0.36	0.26	0.2	0.26	0.39	8.2	0.26	0.48	0.44	0.41	14.97	0.24
O_2		%	0	0.1	10.16	6.19	7.16	6.45	5.91	6.84	6	6.7	9.12	6.16	6.75	7.82	5.67	7.31	5.84	6.04
FL1		Sm³	12	10	11,525.8	15,014.4	13,721.7	14,799.7	15,570.6	14,500	14,997.1	14,429.8	11,649.6	15,051.8	14,222.1	13,260.8	15,601.2	13,720.8	15,616.8	15,495.9
TMP		℃	0	1	187.55	186.31	185.67	186.72	187.68	187.08	186.88	186.76	186.7	187.07	186.84	186.15	184.76	185.77	186.66	186.87
TM1		℃	0	1	996.57	1,082.86	1,059.89	1,091.43	1,095.33	1,046.52	1,087.63	1,054.6	1,078.57	1,073.57	1,069.66	1,007.81	1,102.73	1,036.77	1,088.45	1,082.05
TM3		℃	0	1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4

					08-06 08:00	08-06 08:30	08-06 09:00	08-06 09:30	08-06 10:00	08-06 10:30	08-06 11:00	08-06 11:30	08-06 12:00	08-06 12:30	08-06 13:00	08-06 13:30	08-06 14:00	08-06 14:30	08-06 15:00	08-06 15:30
TSP	20	mg/Sm³	12	1	0.51	0.32	0.33	0.37	0.42	0.37	0.41	0.44	0.57	0.43	0.41	0.4	0.41	0.42	0.41	0.42
SOx	30	ppm	12	1	0	0	0.02	0.56	0.14	2.06	0.37	0	0	0.34	0	0.82	0	0	0	0
NOx	70	ppm	12	1	21.98	15.52	14.21	21.9	19.28	14.36	20.4	16.93	21.33	16.13	20.94	20.78	23.89	19.54	20.42	20.3
HCl	15	ppm	12	1	4.76	3.11	3.49	3.36	5.46	6.56	5.09	5.9	6.83	5.53	6.28	6.51	5.44	4.93	4.57	4.49
CO	50	ppm	12	1	1.47	3.92	21.03	0.22	0.22	0.53	0.5	0.4	0.65	0.86	0.49	0.37	0.38	0.45	0.42	0.35
O_2		%	0	0.1	9.29	5.75	5.89	5.58	6.36	6.91	6.31	6.91	9.64	6.65	6.16	6.1	7.13	7.27	7.1	6.62
FL1		Sm³	12	10	11,548.3	14,525.7	14,499.4	15,542.5	15,056.4	13,754.8	15,018	14,689.2	11,917	14,942.1	15,392.4	15,360.5	14,116.2	14,060.6	14,228.4	14,858.4
TMP		℃	0	1	186.88	185.74	185.47	186.17	187.31	187.24	187.53	187.91	188.18	188.47	188.59	188.43	187.97	187.98	187.82	187.99
TM1		℃	0	1	1,073.45	1,102.25	1,098.39	1,110.4	1,098.95	1,062.67	1,073.68	1,028.49	1,021.53	1,035.74	1,086.58	1,096.33	1,069.57	1,052.31	1,057.92	1,067.46
TM3		℃	0	1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4

					08-06 16:00	08-06 16:30	08-06 17:00	08-06 17:30	08-06 18:00	08-06 18:30	08-06 19:00	08-06 19:30	08-06 20:00	08-06 20:30	08-06 21:00	08-06 21:30	08-06 22:00	08-06 22:30	08-06 23:00	08-06 23:30
TSP	20	mg/Sm³	12	1	0.5	0.34	0.32	0.32	0.29	0.31	0.31	0.33	0.42	0.8	0.38	0.37	0.37	0.39	0.38	0.39
SOx	30	ppm	12	1	0	0.09	0.05	0.34	4.18	0	0	0	0.12	0	0.45	0.77	0.83	0.05	0	0
NOx	70	ppm	12	1	26.6	13.29	14.44	22.62	17.87	17.1	16.67	8.68	7.29	9.99	10.67	9.94	16.4	12.08	13.74	10.62
HCl	15	ppm	12	1	5.39	3.52	4.54	3.64	4.75	3.91	3.01	3.3	4.34	3.66	4.71	5.55	5.16	5.98	4.39	5.87
CO	50	ppm	12	1	0.33	1.46	0.68	8.48	51.11	0.8	0.96	10.25	97.19	1.27	6.31	2.74	2.32	0.46	1.46	0.56
O_2		%	0	0.1	9.26	6.38	6.42	5.6	5.34	6.99	6.49	6.42	8.57	6.32	5.67	5.66	5.17	6.71	5.82	6.64
FL1		Sm³	12	10	11,480.8	14,426.4	14,000.8	15,052.3	14,909	13,254.7	13,809.3	14,108.2	11,142.6	14,877.1	15,491.8	15,594.4	16,218.3	14,411.7	15,553.6	14,400.8
TMP		℃	0	1	187.65	187.09	187.5	187.65	187.38	186.73	186.06	186.44	186.94	187.19	187.62	188.46	188.4	187.75	187.61	187.82
TM1		℃	0	1	1,079.71	1,049.89	1,069.37	1,113.61	1,137.45	1,059.34	1,078.47	1,040.93	1,065.83	1,051.95	1,089.87	1,089.33	1,109.58	1,044.72	1,073.49	1,045.45
TM3		℃	0	1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4