4월 3일 굴뚝별 트랜드

					04-03 00:00	04-03 00:30	04-03 01:00	04-03 01:30	04-03 02:00	04-03 02:30	04-03 03:00	04-03 03:30	04-03 04:00	04-03 04:30	04-03 05:00	04-03 05:30	04-03 06:00	04-03 06:30	04-03 07:00	04-03 07:30
TSP	20	mg/Sm³	12	1	0.52	0.37	0.37	0.42	0.45	0.41	0.39	0.4	0.53	0.42	0.39	0.37	0.38	0.51	0.5	0.34
SOx	30	ppm	12	1	3.16	1.19	9.45	0	0	0	0.48	1.15	0	0.8	3.95	17.53	3.61	0	0	0
NOx	70	ppm	12	1	7.83	11.54	11.59	9.53	8.14	10.75	13.55	12.28	17.75	12.06	11.99	11.59	12.61	2.63	3.94	9.88
HCl	15	ppm	12	1	9.86	8.35	8.9	7.63	6.39	5.51	5.75	7.73	8.67	6.53	6.99	7.77	8.55	7.61	4.62	2.66
CO	50	ppm	12	1	12.86	18.08	36.16	0.85	0.64	0.66	11.09	1.51	1.95	10.06	20.96	57.83	31.5	36.6	18.36	23.48
O_2		%	0	0.1	8.37	4.94	5.16	7.15	8.26	7.11	6.31	6.69	8.96	6.95	5.97	4.69	5.08	9.32	9.78	5.46
FL1		Sm³	12	10	13,058.2	15,970.8	15,119.6	13,075.1	11,766.3	13,044.7	14,422	13,774.5	11,128.1	13,195.6	14,297.2	16,092.1	15,177.3	10,404.9	9,467.84	14,451.3
TMP		℃	0	1	182.34	182.82	182.51	181.24	178.35	177.97	178.59	179.87	179.96	179.38	180.42	182.29	183.59	181.62	177.19	170.01
TM1		℃	0	1	1,054.52	1,119.21	1,129	1,062.55	1,046.62	1,061.62	1,081.19	1,085.77	1,100.74	1,071.11	1,108.52	1,137.38	1,150.2	978.13	907.25	1,065.72
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					04-03 08:00	04-03 08:30	04-03 09:00	04-03 09:30	04-03 10:00	04-03 10:30	04-03 11:00	04-03 11:30	04-03 12:00	04-03 12:30	04-03 13:00	04-03 13:30	04-03 14:00	04-03 14:30	04-03 15:00	04-03 15:30
TSP	20	mg/Sm³	12	1																
SOx	30	ppm	12	1	0.48	0.42	0.38	0.35	0.38	0.36	0.39	0.36	0.48	0.36	0.39	0.37	0.35	0.33	0.34	0.34
NOx	70	ppm	12	1	0	0	0	0	0	0	0	2.68	1.5	0	0	0.29	0.02	0	0	0
HCl	15	ppm	12	1	10.84	3.15	3.78	8.3	10.35	12.46	11.91	11.61	19.6	12.3	13.2	10.89	12.3	9.12	8.27	8.95
CO	50	ppm	12	1	4.85	4.64	3.81	4.1	4.87	4.5	5.68	5.11	8.82	5.49	6.11	5.56	5.05	5.98	5.95	5.89
O_2		%	0	0.1	1.17	0.6	17.09	16.74	3.56	0.53	0.54	36.77	7.33	0.92	1.19	24.62	20.11	3.31	1.59	0.85
FL1		Sm³	12	10	8.94	7.98	6.4	5.62	6.89	6	7.12	5.57	9.68	6.18	7.49	6.43	5.73	5.58	5.69	5.73
TMP		℃	0	1	10,689.7	11,286.3	12,896.7	13,383.1	12,469.9	13,459.6	12,441.3	13,710.8	10,650.2	13,262	12,042.9	13,218.1	14,106.4	13,971.3	13,450.6	13,477.4
TM1		℃	0	1	173.58	177.4	178.34	178.88	179.73	180.06	181.03	180.84	182.2	181.48	180.76	181.1	181.06	181.96	181.4	181.42
TM3		℃	0	1	1,076.17	1,015.61	1,069.33	1,108.65	1,055.75	1,061.2	1,014.53	1,050.45	1,009.77	1,035.89	986.66	1,001.47	1,030.38	1,043.73	1,056.97	1,052.45
					36.51	36.51	36.51	36.53	36.53	36.51	36.54	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					04-03 16:00	04-03 16:30	04-03 17:00	04-03 17:30	04-03 18:00	04-03 18:30	04-03 19:00	04-03 19:30	04-03 20:00	04-03 20:30	04-03 21:00	04-03 21:30	04-03 22:00	04-03 22:30	04-03 23:00	04-03 23:30
TSP	20	mg/Sm³	12	1																
SOx	30	ppm	12	1	0.45	0.33	0.32	0.36	0.35	0.38	0.37	0.41	0.48	0.36	0.38	0.38	0.38	0.36	0.39	0.39
NOx	70	ppm	12	1	0	0	0	0	0	0	0	0	0	0.91	0.88	0	0	0	0	0.07
HCl	15	ppm	12	1	16.11	12.71	9.1	13.08	11.54	10.38	13.03	10.65	16.9	9.81	12.48	9.53	9.59	10.05	9.43	11.2
CO	50	ppm	12	1	7.86	6.01	5.7	7.17	6.93	9.53	8.58	8.02	9.36	7.97	7.47	7.64	6.46	5.69	7.43	9.24
O_2		%	0	0.1	11.93	3.66	28.83	1.59	4.59	1.56	13.34	1.02	1.17	35.6	18.93	1.04	5.2	1.36	1.87	0.95
FL1		Sm³	12	10	8.31	5.69	5.25	6.87	6.09	7.21	6.55	7.67	8.5	6.07	6.7	6.76	6.66	6.02	7.32	6.97
TMP		℃	0	1	11,097.5	13,504.9	13,799.8	12,464.9	13,065.6	12,515.9	13,663.1	12,591.7	11,575.8	13,424.4	12,584.7	12,472.3	12,683.8	13,007.5	11,891.2	12,188.8
TM1		℃	0	1	181.35	180.94	180.68	181.12	181.59	182.02	183.77	183.4	183.8	183.24	182.79	182.97	182.31	180.66	180.78	182.15
TM3		℃	0	1	1,074.07	1,061.14	1,077.41	1,025.14	1,033.77	1,002.25	1,022.83	990.53	1,034.74	1,044.59	1,015.57	1,002.2	1,005.15	1,041.24	987.75	1,008.34
					36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.54	36.52	36.53	36.52

4월 4일 굴뚝별 트랜드

					04-04 00:00	04-04 00:30	04-04 01:00	04-04 01:30	04-04 02:00	04-04 02:30	04-04 03:00	04-04 03:30	04-04 04:00	04-04 04:30	04-04 05:00	04-04 05:30	04-04 06:00	04-04 06:30	04-04 07:00	04-04 07:30
TSP	20	mg/Sm³	12	1	0.47	0.38	0.39	0.39	0.38	0.4	0.4	0.38	0.51	0.38	0.41	0.42	0.38	0.4	0.38	0.39
SOx	30	ppm	12	1	0	0	0	0	0.19	0	0	10.25	0.65	0	0	0	0	0	0	0
NOx	70	ppm	12	1	15.4	6.68	10.04	11.51	15.26	13.29	10.17	16.98	15.3	14.3	14.45	13.02	11.31	9.51	11.33	14.56
HCl	15	ppm	12	1	9.72	7.38	6.91	8.58	7.01	7.48	9.26	8.17	15.36	7.59	8.32	8.08	6.59	6.81	6.42	6.57
CO	50	ppm	12	1	4.37	16.52	9.9	0.79	18.02	1.35	1.14	18.9	1.01	0.53	0.8	1.37	0.9	3.79	1.67	0.56
O_2		%	0	0.1	8.3	6.45	6.74	6.66	6.56	7.2	7.2	5.86	10.12	6.28	7.02	7.42	5.89	6.67	5.98	6.78
FL1		Sm³	12	10	11,337.1	12,736.5	12,643	12,648.3	12,795.7	12,187.5	12,147	14,485.9	10,366.7	13,496.2	12,767.8	12,442.1	13,851	12,988	13,421.5	13,007.3
TMP		℃	0	1	182.87	182.37	181.84	182.05	181.8	181.47	181.76	181.78	182.2	182.39	182.33	181.71	181.58	181.52	181.37	181.12
TM1		℃	0	1	1,058.37	1,022.46	1,003.49	1,014.49	1,014.94	986.69	981.67	1,061.56	978.75	1,046.41	1,011.15	982.45	1,051.43	1,017.05	1,073.77	1,039.69
TM3		℃	0	1	36.53	36.52	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					04-04 08:00	04-04 08:30	04-04 09:00	04-04 09:30	04-04 10:00	04-04 10:30	04-04 11:00	04-04 11:30	04-04 12:00	04-04 12:30	04-04 13:00	04-04 13:30	04-04 14:00	04-04 14:30	04-04 15:00	04-04 15:30
TSP	20	mg/Sm³	12	1	0.5	0.4	0.38	0.32	0.3	0.33	0.28	0.28	0.26	0.27	0.28	0.26	0.25	0.25	0.25	0.32
SOx	30	ppm	12	1	0	0	0	0	3.84	1.99	2.67	6.97	0.47	0.09	0	0.06	9.25	0	0	0
NOx	70	ppm	12	1	19.74	10.72	12.12	4.89	26.53	9.15	7.76	19.24	31.31	16.15	0.13	28.11	41.87	30.67	26.62	17.12
HCl	15	ppm	12	1	8.44	6.08	6.3	4.83	18.49	5.79	0.37	12.15	13.64	7	0.36	0.68	9.32	1.08	0.96	0.53
CO	50	ppm	12	1	0.71	1.12	0.96	0.45	5.29	0.08	0.05	0.11	0.24	0.1	0.01	0.61	26.42	1.77	1.61	0.78
O_2		%	0	0.1	9.14	7.17	6.42	14.52	5.9	17.02	18.62	14.57	10.39	16.87	20.91	14.41	5.31	6.75	6.49	6.39
FL1		Sm³	12	10	10,670.5	12,564.3	13,522.7	15,866.9	17,044.5	17,013.5	16,993	16,568.5	16,484.9	16,310.8	16,526.1	16,403.9	16,455.6	16,609.9	16,657.6	13,242.6
TMP		℃	0	1	181.54	181.47	182.05	183.25	184.54	184.74	184.93	185.15	185.29	184.13	183.04	182.76	182.6	183.14	183.33	184.04
TM1		℃	0	1	1,044.85	990.32	1,017.54	1,046.21	1,083.17	1,091.67	1,111.77	1,101.97	1,110.24	1,098.49	1,109.4	1,093.75	1,033	1,020.58	1,017.81	1,042.88
TM3		℃	0	1	36.51	36.51	36.51	36.52	36.52	36.52	36.55	36.56	36.56	36.55	36.55	36.56	36.57	36.56	36.55	36.56

					04-04 16:00	04-04 16:30	04-04 17:00	04-04 17:30	04-04 18:00	04-04 18:30	04-04 19:00	04-04 19:30	04-04 20:00	04-04 20:30	04-04 21:00	04-04 21:30	04-04 22:00	04-04 22:30	04-04 23:00	04-04 23:30
TSP	20	mg/Sm³	12	1	0.41	0.33	0.29	0.28	0.32	0.34	0.32	0.34	0.45	0.32	0.31	0.33	0.33	0.34	0.33	0.37
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	2.01	0.08	0.25	0	6.22	9.41	0
NOx	70	ppm	12	1	20.7	13.48	16.53	13.27	13.25	15.5	14.26	17.34	17.79	15.72	16.23	14.5	18.73	20.47	16.29	18.56
HCl	15	ppm	12	1	0.52	0.39	0.33	0.33	0.32	0.42	0.4	0.39	0.56	0.42	0.41	0.37	0.39	0.34	2.2	3.73
CO	50	ppm	12	1	20.94	1.77	16.11	10.72	19.51	1.52	1.05	6.02	81.94	12.58	21.56	21.78	0.59	6.4	20.6	11.62
O_2		%	0	0.1	8.85	6.92	5.51	5.18	6.24	7.36	6.25	6.8	10.51	6.29	5.79	6.44	6.68	6.88	6.82	8.12
FL1		Sm³	12	10	10,468	12,237	13,824.3	14,292.6	13,248.9	12,391.5	13,622.6	12,857.6	9,338.55	13,033.2	13,936.9	13,094.5	12,598.4	12,551	12,707.3	11,634.5
TMP		℃	0	1	184.36	183.5	181.87	180.83	180.7	180.65	181.82	182.06	181.49	180.52	181.04	180.92	179.91	179.28	180.23	181.34
TM1		℃	0	1	1,050.1	1,014.25	1,072.63	1,083.18	1,041.33	986.46	1,026.95	1,025.83	991.78	1,053.03	1,064.53	1,032.96	1,049.2	1,051.53	1,031.77	973.78
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

4월 5일 굴뚝별 트랜드

					04-05 00:00	04-05 00:30	04-05 01:00	04-05 01:30	04-05 02:00	04-05 02:30	04-05 03:00	04-05 03:30	04-05 04:00	04-05 04:30	04-05 05:00	04-05 05:30	04-05 06:00	04-05 06:30	04-05 07:00	04-05 07:30
TSP	20	mg/Sm³	12	1	0.43	0.35	0.3	0.33	0.33	0.34	0.35	0.33	0.44	0.32	0.32	0.39	0.32	0.32	0.32	0.33
SOx	30	ppm	12	1	0.42	1.82	6.48	0	1.72	0.78	0	4.05	0	0.55	0	0	5.81	0.67	1.66	0
NOx	70	ppm	12	1	19.92	16	17.54	20.74	19.3	18.65	16.66	16.81	16.3	17.59	15.43	19.46	19.76	16.2	20.13	28.92
HCl	15	ppm	12	1	2.3	6.98	7.96	7.63	9.2	7.03	7.15	7.45	10.6	11.22	7.24	6.91	10.74	11.72	10	7.06
CO	50	ppm	12	1	15.9	15.18	13.92	9.36	7.84	28.89	1.21	27.01	2.11	1.05	7.15	2.04	0.91	1.15	1.41	0.39
O_2		%	0	0.1	9.51	7.27	5.39	6.9	6.51	6.8	7.64	6.58	10.4	6.24	6.37	8.57	6.29	6.23	6.22	6.72
FL1		Sm³	12	10	10,567.8	12,326.8	14,163.1	13,014.8	13,190.3	12,744.5	11,928	13,076.5	10,144.2	13,302.4	12,588.9	11,183.2	13,744.6	12,560.7	13,497.9	13,494.7
TMP		℃	0	1	180.4	180.8	180.78	180.55	180.28	179.9	179.22	179.69	180.06	179.93	179.19	178.34	176.11	177.05	177.18	176.68
TM1		℃	0	1	1,033.86	994.83	1,084.3	1,030.03	1,043.97	1,024.51	1,005.1	1,035.47	961.55	1,029.53	1,022.93	939.16	1,022.13	1,020.63	1,075.09	1,075.87
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.54	36.54	36.53	36.52	36.52	36.51	36.51	36.51	36.51	36.51	36.51

					04-05 08:00	04-05 08:30	04-05 09:00	04-05 09:30	04-05 10:00	04-05 10:30	04-05 11:00	04-05 11:30	04-05 12:00	04-05 12:30	04-05 13:00	04-05 13:30	04-05 14:00	04-05 14:30	04-05 15:00	04-05 15:30
TSP	20	mg/Sm³	12	1	0.44	0.32	0.34	0.33	0.46	0.32	0.35	0.31	0.66	0.35	0.33	0.33	0.37	0.32	0.39	0.33
SOx	30	ppm	12	1	0	0	1.42	0	0.66	0	0	0	0.31	1.08	5.86	11.32	0.83	0.12	0.06	0.87
NOx	70	ppm	12	1	32.6	31.47	26.07	22.32	22.05	18.82	21.33	24.88	32.77	25.94	19.81	18.36	12.24	20.42	11.09	18.28
HCl	15	ppm	12	1	8.41	6.73	7.8	7.69	8.7	5.86	5.27	4.29	5.01	5.88	7.95	7.48	5.96	6.61	9.9	8.04
CO	50	ppm	12	1	0.57	0.37	17.22	5.33	27.8	2.34	1.03	8.04	0.34	0.12	0.11	10.03	0.12	0.27	0.08	1.3
O_2		%	0	0.1	10.01	6.19	7.12	6.3	5.93	6.5	7.8	6.27	8.84	7.17	6.66	5.74	7.65	5.77	9	6.7
FL1		Sm³	12	10	10,959.5	14,209.9	13,394	14,094.5	14,468.2	13,115.6	12,725.1	14,319.8	11,367.1	13,007.2	13,551.6	14,394.5	12,238	13,863.1	10,656.6	12,919.3
TMP		℃	0	1	176	176.35	179.56	181.76	182.82	181.65	181.81	181.95	182.22	184.29	185.68	186.22	185.41	185.22	184.4	182.01
TM1		℃	0	1	1,051.04	1,089.7	1,048.48	1,070.47	1,064.64	1,051.94	1,005.3	1,036.89	1,066.01	1,031.87	1,042.14	1,073.43	999.62	1,084.61	945.61	1,046.37
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.52	36.52	36.52	36.54	36.54	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					04-05 16:00	04-05 16:30	04-05 17:00	04-05 17:30	04-05 18:00	04-05 18:30	04-05 19:00	04-05 19:30	04-05 20:00	04-05 20:30	04-05 21:00	04-05 21:30	04-05 22:00	04-05 22:30	04-05 23:00	04-05 23:30
TSP	20	mg/Sm³	12	1	0.45	0.47	0.34	0.37	0.34	0.32	0.33	0.33	0.43	0.35	0.33	0.38	0.35	0.34	0.32	0.34
SOx	30	ppm	12	1	5.17	1.35	0.4	0.65	1.66	2.92	3.98	11.78	14.12	0.28	0.56	0.55	0.52	0.45	0.75	0.98
NOx	70	ppm	12	1	15.59	10.21	18.26	17.57	26.27	28.37	26.76	26.83	36.65	27.67	28.95	26.75	27.22	31.69	28.33	21.43
HCl	15	ppm	12	1	13.01	13.26	7.55	6.95	7.11	8.51	10.25	10.8	17.88	7.04	5.92	6.23	6.39	6.4	5.84	6.22
CO	50	ppm	12	1	0.08	0.08	0.07	0.09	0.12	0.13	0.13	17.19	0.19	0.1	0.28	0.11	0.08	0.09	0.07	0.07
O_2		%	0	0.1	10.89	6.81	7.01	8.07	7.19	6.59	6.79	5.64	9.35	7.07	6.62	6.89	7.59	7.53	6.14	7.18
FL1		Sm³	12	10	9,689.43	9,375.14	12,590.2	11,656.5	12,696.2	13,307.7	13,947.3	16,295.5	10,706.7	13,516.3	13,884.9	13,546	12,751.5	12,813	14,421.5	13,146.3
TMP		℃	0	1	182.48	183.87	183.61	183.54	183.71	184.64	185.94	188.31	188.07	186.26	185.51	185.85	185.65	185.62	185.67	185.01
TM1		℃	0	1	1,007.27	977.93	1,058.45	1,013.35	1,029.34	1,054.63	1,056.93	1,095.14	1,085.75	1,039.77	1,083.98	1,063.83	1,030.51	1,031.11	1,105.63	1,048.82
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.54	36.55	36.54