4월 12일 굴뚝별 트랜드

					04-12 00:00	04-12 00:30	04-12 01:00	04-12 01:30	04-12 02:00	04-12 02:30	04-12 03:00	04-12 03:30	04-12 04:00	04-12 04:30	04-12 05:00	04-12 05:30	04-12 06:00	04-12 06:30	04-12 07:00	04-12 07:30
TSP	20	mg/Sm³	12	1	0.46	0.33	0.35	0.34	0.33	0.36	0.36	0.3	0.41	0.74	0.35	0.37	0.34	0.35	0.33	0.34
SOx	30	ppm	12	1	1.88	0	0.7	0	0	0	0	0.19	1.56	0.28	0	2.47	0.43	0.1	2.27	0.67
NOx	70	ppm	12	1	7	3.42	4.43	1.55	3.83	1.92	2.3	3.57	1.91	0.5	1.8	2.21	2.63	1.77	3.36	4.31
HCl	15	ppm	12	1	2.93	0.12	0.76	0.03	0	0	0	0	0	0	0	0.24	1.25	0.04	0.09	0.56
CO	50	ppm	12	1	0.72	0.63	0.64	1.15	0.27	0.92	0.98	3.81	34.33	23.05	9.94	0.78	0.4	0.63	7.11	0.2
O_2		%	0	0.1	10.66	6.63	7.3	7.08	6.9	8.3	7.86	5.77	8.87	5.69	6.46	7.9	7.08	7.28	6.55	6.76
FL1		Sm³	12	10	9,818.42	13,399	12,300.8	10,901.9	11,997	11,093.9	11,611.6	13,198	9,570.79	12,192.8	12,092.9	11,602	12,417.6	12,383.6	12,887.8	12,413.8
TMP		℃	0	1	184.98	185.07	185.2	183.19	181.86	182.38	182.76	182.68	182.01	181.06	181.37	182.58	183.38	183.4	183.65	183.79
TM1		℃	0	1	993.91	1,030	1,022.49	1,036.93	1,060.55	991.25	999.27	1,073.42	1,056.42	1,067.81	1,064.13	1,011.28	1,038.07	1,021.31	1,074.13	1,072.43
TM3		℃	0	1	36.57	36.56	36.57	36.56	36.56	36.56	36.56	36.57	36.56	36.56	36.56	36.56	36.56	36.55	36.55	36.55

					04-12 08:00	04-12 08:30	04-12 09:00	04-12 09:30	04-12 10:00	04-12 10:30	04-12 11:00	04-12 11:30	04-12 12:00	04-12 12:30	04-12 13:00	04-12 13:30	04-12 14:00	04-12 14:30	04-12 15:00	04-12 15:30
TSP	20	mg/Sm³	12	1	0.44	0.33	0.35	0.33	0.34	0.33	0.43	0.33	0.42	0.32	0.41	0.35	0.34	0.33	0.32	0.32
SOx	30	ppm	12	1	1.78	3.6	0.08	0.27	0	0.87	1.27	0.17	3.36	5.29	13.56	15.29	7.08	0	0	0
NOx	70	ppm	12	1	5.03	2.99	3.81	4.88	3.71	5.74	6.17	7.97	15.51	12.2	10.64	10.45	12.39	10.25	9.53	9.94
HCl	15	ppm	12	1	2.16	1.3	1.33	2.6	0.75	0.43	0.91	0.07	1.55	4.54	8.44	11.62	7.86	3.54	0.64	0
CO	50	ppm	12	1	0.49	8.32	0.35	0.24	0.34	0.21	0.19	0.18	0.19	0.12	5.83	0.4	0.49	0.44	0.36	0.47
O_2		%	0	0.1	10.15	6.29	7.2	6.36	6.93	6.35	6.69	6.72	9.55	6.82	7.23	7.62	7.26	7.03	6.78	7
FL1		Sm³	12	10	10,294.2	13,047.5	12,692.7	13,619.7	12,959	13,616.3	13,348	13,267.6	10,775.4	12,830.8	12,149.5	11,346.9	11,934.5	11,806.8	12,314.2	11,980.6
TMP		℃	0	1	183.91	184.28	184.58	185.71	185.84	186.26	186.4	186.21	186.65	186.87	185.91	183.71	182.58	182.12	182.43	182.29
TM1		℃	0	1	1,038.05	1,070.54	1,034.92	1,055.02	1,033.81	1,069.84	1,045.63	1,044.57	1,051.37	1,067.17	1,060.59	1,036.89	1,036.19	1,041.81	1,051.29	1,037.13
TM3		℃	0	1	36.55	36.56	36.57	36.56	36.56	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					04-12 16:00	04-12 16:30	04-12 17:00	04-12 17:30	04-12 18:00	04-12 18:30	04-12 19:00	04-12 19:30	04-12 20:00	04-12 20:30	04-12 21:00	04-12 21:30	04-12 22:00	04-12 22:30	04-12 23:00	04-12 23:30
TSP	20	mg/Sm³	12	1	0.43	0.33	0.35	0.35	0.37	0.36	0.35	0.35	0.43	0.36	0.36	0.35	0.33	0.36	0.32	0.36
SOx	30	ppm	12	1	0.09	1.27	1.71	11.92	3.9	3.89	1.18	5.77	0.19	5.89	0.03	0.38	0.19	0	19.03	0.06
NOx	70	ppm	12	1	9.2	8.14	10.33	11.17	10.39	9.42	10.12	14.46	25.75	12.13	13.58	10.58	17.37	14.28	15.62	9
HCl	15	ppm	12	1	0	3.57	3.18	12.82	5.28	10.01	6.11	5.9	2.29	3.38	0.39	0	0	0.27	5.3	8.07
CO	50	ppm	12	1	0.88	0.47	0.37	0.45	0.74	0.6	0.82	0.41	1.95	4.35	0.51	16.16	0.31	0.61	23.61	1.55
O_2		%	0	0.1	10.46	6.98	7.64	7.49	7.85	7.87	7.75	7.41	9.54	7.71	7.84	7.51	6.64	7.79	6.13	7.94
FL1		Sm³	12	10	9,623.45	12,372.8	12,049	12,315.5	12,407.5	11,754.9	11,787.3	12,101.2	10,327.6	11,667.8	11,774.5	12,030.2	13,073.1	11,928.1	13,463.3	10,679.5
TMP		℃	0	1	182.43	183.32	184.38	185.48	185.03	184.71	183.61	183.59	183.94	183.68	183.59	183.21	184.06	184.15	184.67	183.13
TM1		℃	0	1	989.21	1,025.32	1,027.81	1,028.89	987.17	1,012.19	1,001	1,051.36	1,069.18	1,047.85	1,036.41	1,045.53	1,064.08	1,012.57	1,065.58	1,003.09
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	36.56

4월 13일 굴뚝별 트랜드

					04-13 00:00	04-13 00:30	04-13 01:00	04-13 01:30	04-13 02:00	04-13 02:30	04-13 03:00	04-13 03:30	04-13 04:00	04-13 04:30	04-13 05:00	04-13 05:30	04-13 06:00	04-13 06:30	04-13 07:00	04-13 07:30
TSP	20	mg/Sm³	12	1	0.44	0.34	0.36	0.33	0.35	0.37	0.34	0.36	0.44	0.37	0.34	0.35	0.36	0.36	0.33	0.34
SOx	30	ppm	12	1	0	0	0.02	0	0.07	0	0.53	1.05	0.56	1.64	5.17	0.44	0.06	3.5	0.36	0.77
NOx	70	ppm	12	1	18.02	15.14	12	14.25	12.44	14	14.62	13.59	16.04	14.09	16.71	19.45	17.84	16.93	19.54	20.13
HCl	15	ppm	12	1	0.24	0	0	0	0	0	0	0	0	0.58	0.23	0.55	0	0.17	0.13	0
CO	50	ppm	12	1	0.53	0.44	13	0.53	1.68	0.54	9.19	17.37	0.65	0.46	23.83	0.3	0.26	19.46	11.16	11.76
O_2		%	0	0.1	9.73	7.01	7.74	6.73	7.39	7.93	6.59	7.43	9.59	7.38	6.39	6.6	7.3	6.99	5.76	6.22
FL1		Sm³	12	10	9,839.84	12,624.3	11,692.7	12,923.1	12,068.3	11,568.1	12,994.4	12,133.8	10,213.4	12,263.8	13,375.1	13,071	12,295.3	12,798.2	14,074.9	13,665.7
TMP		℃	0	1	182.87	182.85	182.65	182.33	183.1	183.57	183.82	183.28	183.17	183.72	183.8	183.87	183.65	183.54	184.05	183.78
TM1		℃	0	1	1,059.81	1,039.8	1,026.38	1,051.01	1,053.83	1,027.37	1,063.6	1,037.59	1,058.03	1,051.17	1,065.31	1,082.41	1,048.31	1,047.37	1,130.01	1,118.66
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.56	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					04-13 08:00	04-13 08:30	04-13 09:00	04-13 09:30	04-13 10:00	04-13 10:30	04-13 11:00	04-13 11:30	04-13 12:00	04-13 12:30	04-13 13:00	04-13 13:30	04-13 14:00	04-13 14:30	04-13 15:00	04-13 15:30
TSP	20	mg/Sm³	12	1	0.44	0.33	0.31	0.36	0.32	0.35	0.32	0.34	0.44	0.34	0.33	0.32	0.35	0.32	0.3	0.3
SOx	30	ppm	12	1	0	0.18	5.73	0.3	4.77	0.92	9.46	0.63	7.85	0	0.31	1.1	0	0.06	1.15	3.09
NOx	70	ppm	12	1	17.27	19.83	19.35	14.27	19.26	18.59	32.47	26.52	34.06	23.15	23.45	25.76	19.91	23.19	26.57	24.66
HCl	15	ppm	12	1	0	0	0	0.09	0.03	1.27	3.68	1.65	2.08	0.92	0.02	0	0	0	0	0
CO	50	ppm	12	1	2.2	1.03	20.75	0.47	19.89	0.23	2.78	0.01	0.14	1.17	2.75	23.13	0.41	0.72	0.33	26.22
O_2		%	0	0.1	10.03	6.21	5.34	7.45	5.68	7.29	5.61	6.8	8.61	6.76	6.56	6.08	7.6	6.64	5.81	5.4
FL1		Sm³	12	10	11,275.7	14,048.6	15,006.8	12,760.6	14,521.1	12,859.9	14,645.4	13,341	11,217.2	13,343.5	13,645.2	14,076.3	12,507.4	13,502.7	14,399.7	14,653.9
TMP		℃	0	1	183.97	184.89	185.51	185.74	185.78	186.49	187.84	187.79	187.41	187.3	186.93	186.74	186.13	185.67	185.76	186.85
TM1		℃	0	1	1,036.7	1,090.17	1,113.73	1,046.29	1,117.75	1,066.74	1,119.75	1,096.8	1,129.03	1,084.73	1,087.52	1,113.27	1,059.4	1,094.57	1,122.68	1,138.57
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.56	36.58	36.58	36.59	36.58	36.58	36.59	36.58	36.58	36.59

					04-13 16:00	04-13 16:30	04-13 17:00	04-13 17:30	04-13 18:00	04-13 18:30	04-13 19:00	04-13 19:30	04-13 20:00	04-13 20:30	04-13 21:00	04-13 21:30	04-13 22:00	04-13 22:30	04-13 23:00	04-13 23:30
TSP	20	mg/Sm³	12	1	0.41	0.29	0.31	0.33	0.3	0.31	0.32	0.3	0.43	0.31	0.35	0.38	0.34	0.34	0.3	0.34
SOx	30	ppm	12	1	0.45	1.13	0	0	1.5	1.06	2.72	16.45	0	2.5	0.38	0	2.11	0	4.38	5.51
NOx	70	ppm	12	1	24.27	15.66	19.78	16.81	18.8	18.24	21.28	22.1	21.93	23.85	26.14	21.28	20.83	20.16	22.72	19.4
HCl	15	ppm	12	1	0	0	0	0	0	0	0.18	5.82	4.38	0	0.07	0	0.1	0	0	1.22
CO	50	ppm	12	1	16.61	17.82	1.33	0.27	19.61	0.4	0.18	5.25	0.34	14.19	0.14	0.6	0.31	0.37	1.67	0.31
O_2		%	0	0.1	9.2	4.77	6.02	6.94	5.32	6.05	6.25	5.52	10	5.12	6.04	8.18	7.04	6.91	4.8	6.29
FL1		Sm³	12	10	11,537.6	14,965.6	13,948.3	13,037.8	14,843.3	13,853.7	13,559.9	14,242.5	10,763	15,981.6	15,131.4	12,515.3	13,826.9	14,177.5	16,402.6	14,531.7
TMP		℃	0	1	186.42	186.12	185.19	184.95	186.26	187.25	187.64	187.97	187.61	188.25	189.39	187.6	186.73	186.23	186.6	188.74
TM1		℃	0	1	1,085.65	1,138.55	1,120.29	1,075.58	1,114.7	1,108.89	1,109.19	1,145.92	1,062.55	1,135.19	1,128.83	1,037.86	1,041.67	1,050.67	1,136.46	1,101.87
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.57	36.57	36.56	36.56	36.55	36.55	36.55	36.55

4월 14일 굴뚝별 트랜드

					04-14 00:00	04-14 00:30	04-14 01:00	04-14 01:30	04-14 02:00	04-14 02:30	04-14 03:00	04-14 03:30	04-14 04:00	04-14 04:30	04-14 05:00	04-14 05:30	04-14 06:00	04-14 06:30	04-14 07:00	04-14 07:30
TSP	20	mg/Sm³	12	1	0.43	0.34	0.35	0.36	0.33	0.35	0.32	0.34	0.45	0.37	0.35	0.31	0.34	0.37	0.35	0.31
SOx	30	ppm	12	1	0.19	0	0	0	0.05	0	9.04	13.71	0	1.23	2.95	0.82	0.08	0	0	1.62
NOx	70	ppm	12	1	31.72	19.33	16.54	15.55	16.96	13.53	14.27	8.98	15.17	10.52	12.51	17.94	14.96	14.11	6.62	8.41
HCl	15	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CO	50	ppm	12	1	7.36	0.15	0.25	0.25	0.22	0.3	26.14	39.14	0.88	12.24	10.2	10.76	0.55	0.42	0.66	29.73
O_2		%	0	0.1	8.35	6.47	7.08	7.21	6.47	7.18	5.2	6.04	9.87	7.25	6.59	5.03	6.59	7.73	7.22	5.23
FL1		Sm³	12	10	12,407.7	14,294.3	13,706.6	13,618.1	14,711.1	13,884.6	16,432	14,990.4	11,406.6	13,933.8	14,329.3	16,109.4	14,509.7	13,302	13,181.1	15,253.7
TMP		℃	0	1	188.12	187.41	186.2	185	185.04	185.86	186.67	188.04	186.68	185.53	186.05	186.83	186.64	185.19	184.33	185.18
TM1		℃	0	1	1,139.33	1,109.19	1,068.75	1,041.78	1,069.21	1,034.36	1,083.54	1,085.7	1,034.53	1,010.45	1,074.87	1,131.81	1,078.87	1,024.58	1,015.33	1,076.27
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

					04-14 08:00	04-14 08:30	04-14 09:00	04-14 09:30	04-14 10:00	04-14 10:30	04-14 11:00	04-14 11:30	04-14 12:00	04-14 12:30	04-14 13:00	04-14 13:30	04-14 14:00	04-14 14:30	04-14 15:00	04-14 15:30
TSP	20	mg/Sm³	12	1	0.44	0.35	0.29	0.26	0.25	0.25	0.26	0.27	0.25	0.25	0.25	0.3	0.26	0.25	0.25	0.25
SOx	30	ppm	12	1	0	0	4.68	0.63	15.5	1.41	0	0.01	1.6	18.07	0	0.03	7.23	2.66	30.62	16.63
NOx	70	ppm	12	1	11.96	9.18	12.74	12.86	36.36	12.33	5.09	7.56	18.87	55.57	27.38	14.24	34.59	26.8	34.99	36.72
HCl	15	ppm	12	1	0	0	0	0	8.11	14.76	5.04	1.82	7.13	10.35	7.86	2.05	9.45	5.55	11	11.29
CO	50	ppm	12	1	0.67	0.48	35.51	0.87	42.92	34.52	0.05	2.42	26.25	50.3	0.45	0.17	20.62	7.31	45.74	1.42
O_2		%	0	0.1	10.19	7.37	4.8	6.39	5.69	5.02	15.04	15.89	8.18	4.44	6.38	15.28	9.43	8.17	4.79	5.01
FL1		Sm³	12	10	10,539.4	12,885.6	15,415.8	16,528.7	16,980.9	17,492.1	17,315.8	17,630.7	17,809.8	17,815.8	17,593.4	17,924.6	17,520.7	17,131.7	17,209.3	16,776.2
TMP		℃	0	1	185.66	185.67	186.2	186.25	186.43	187.27	186.66	185.2	186.89	187.01	186.19	185.58	185.57	184.92	185.47	186.44
TM1		℃	0	1	1,033.37	1,023.83	1,103.87	1,059.99	1,010.71	1,091.71	1,081.64	1,130.87	1,120.62	1,092.13	1,081.35	1,085.18	1,045.83	1,047.27	1,142.27	1,173.23
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.57	36.56	36.55	36.56	36.56	36.56	36.58	36.57	36.57	36.56	36.55	36.53

					04-14 16:00	04-14 16:30	04-14 17:00	04-14 17:30	04-14 18:00	04-14 18:30	04-14 19:00	04-14 19:30	04-14 20:00	04-14 20:30	04-14 21:00	04-14 21:30	04-14 22:00	04-14 22:30	04-14 23:00	04-14 23:30
TSP	20	mg/Sm³	12	1	0.25	0.25	0.25	0.3	0.28	0.32	0.29	0.32	0.38	0.31	0.32	0.27	0.3	0.28	0.31	0.3
SOx	30	ppm	12	1	5.03	0	0	0.65	2.55	0	0.21	0	4.43	0.96	0.07	7.04	3.81	1.82	8.69	12.17
NOx	70	ppm	12	1	23.33	20.91	21.6	16.76	11.74	14.64	14.42	10.9	12.54	10.45	12.33	9.74	5.02	12.15	14.15	19.74
HCl	15	ppm	12	1	9.85	6.99	4.07	4	2.39	1.55	1.26	1.19	1.7	2.8	3.03	4.01	6.21	3.51	5.89	8.44
CO	50	ppm	12	1	0.65	0.92	0.56	20.55	39.75	0.38	19.55	0.72	62.37	2.51	0.39	36.19	25.75	41.07	0.26	0.14
O_2		%	0	0.1	11.05	8.74	7.65	7.01	4.49	6.37	5.3	6.56	7.49	6.33	6.62	4.46	5.6	4.51	6.08	5.58
FL1		Sm³	12	10	17,307.5	17,564.4	16,899.4	14,638.4	14,812.9	12,902.1	13,865.1	12,846.1	12,604.4	13,034.6	12,838.1	14,976.7	14,400.8	16,161.8	14,187.8	14,581.4
TMP		℃	0	1	187.13	187.17	185.87	186.19	185.69	184.6	184.04	183.54	184.37	185.04	185.29	185.64	186.25	187.49	187.7	187.55
TM1		℃	0	1	1,055.79	999.18	1,036.68	1,047.03	1,098.94	1,069	1,114.73	1,052.43	1,086.25	1,057.15	1,043.01	1,105.21	1,054.38	1,109.39	1,087.39	1,128.13
TM3		℃	0	1	36.52	36.51	36.52	36.54	36.54	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55