6월 17일 굴뚝별 트랜드

					06-17 00:00	06-17 00:30	06-17 01:00	06-17 01:30	06-17 02:00	06-17 02:30	06-17 03:00	06-17 03:30	06-17 04:00	06-17 04:30	06-17 05:00	06-17 05:30	06-17 06:00	06-17 06:30	06-17 07:00	06-17 07:30
TSP	20	mg/Sm³	12	1	0.47	0.34	0.38	0.34	0.32	0.32	0.34	0.34	0.45	0.38	0.35	0.36	0.33	0.36	0.35	0.31
SOx	30	ppm	12	1	0	0	0	0	0.4	5.89	0.52	0	0	0	0	0	0.27	0.19	0.55	2.85
NOx	70	ppm	12	1	25.65	21.06	16.87	16.11	17.24	19.28	18.07	19.81	33.17	20.58	21.92	18.36	14.36	16.33	16.07	19.13
HCl	15	ppm	12	1	4.17	2.13	3.25	1.98	1.98	3.21	3.52	4.19	3.47	2.65	1.98	1.87	1.6	1.77	2.75	2.2
CO	50	ppm	12	1	0.81	0.57	0.85	0.71	0.49	28.59	0.41	1.64	8.08	0.69	0.61	0.57	30.44	3.52	1.84	3.3
O_2		%	0	0.1	9.81	6.53	7.6	6.29	5.5	5.2	6.2	6.23	8.74	7.54	5.89	6.46	5.17	6.49	6.05	4.78
FL1		Sm³	12	10	12,003.7	15,628	14,397.8	16,340.5	16,899.6	17,431.3	15,959.8	15,911	12,691.2	14,737.7	16,212.8	15,359.4	17,069.9	15,151.6	15,896.3	17,069.1
TMP		℃	0	1	187.65	188.01	188.1	189	189.65	189.93	189.62	188.3	187	186.77	187.9	187.7	187.67	187.47	187.14	188.02
TM1		℃	0	1	1,046.8	1,060.22	992.34	1,019.9	1,077.25	1,098.73	1,083.6	1,075.59	1,093.2	1,031.18	1,070.86	1,046.14	1,077.67	1,050.48	1,054.31	1,126.8
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

					06-17 08:00	06-17 08:30	06-17 09:00	06-17 09:30	06-17 10:00	06-17 10:30	06-17 11:00	06-17 11:30	06-17 12:00	06-17 12:30	06-17 13:00	06-17 13:30	06-17 14:00	06-17 14:30	06-17 15:00	06-17 15:30
TSP	20	mg/Sm³	12	1	0.43	0.34	0.34	0.32	0.31	0.31	0.29	0.31	0.4	0.32	0.27	0.28	0.28	0.28	0.3	0.3
SOx	30	ppm	12	1	19.67	0.38	0.19	0.11	0.56	0.25	0	0	0	0	1.84	1.93	1.27	0	0	0
NOx	70	ppm	12	1	25.02	18.18	16.38	19.48	21.01	21.71	18.24	17.73	20.07	15.79	12.95	17.23	16.31	18.66	17.25	18.19
HCl	15	ppm	12	1	4.78	6.91	6.32	3.4	3.71	2.82	2.39	3.33	3.7	2.99	2.13	3.54	6.38	5.25	5.06	4.58
CO	50	ppm	12	1	66.11	19.2	14.26	3.17	16.4	0.61	4.05	0.64	0.91	0.75	37.91	12.04	0.4	0.31	0.43	0.42
O_2		%	0	0.1	7.3	6.2	6.43	6.5	5.99	6.41	5.85	6.82	9.76	7.27	5.11	5.24	5.78	5.77	6.58	6.3
FL1		Sm³	12	10	14,025.1	15,103.6	14,624.3	13,617	15,082.9	15,190	15,959.5	14,846.9	11,672.2	13,150.1	15,881.8	16,487.9	15,537.7	15,654.5	14,724.6	15,020.5
TMP		℃	0	1	189.44	189.11	187.74	186.08	185.36	186.44	186.8	186.93	187.65	187.02	186.14	187.73	188.96	189.01	188.77	188.74
TM1		℃	0	1	1,145.5	1,100.84	1,093.77	1,115.59	1,111.18	1,071.91	1,070.83	1,029.93	1,003.93	1,019.61	1,075.96	1,099.01	1,099.01	1,098.15	1,052.4	1,059.37
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

					06-17 16:00	06-17 16:30	06-17 17:00	06-17 17:30	06-17 18:00	06-17 18:30	06-17 19:00	06-17 19:30	06-17 20:00	06-17 20:30	06-17 21:00	06-17 21:30	06-17 22:00	06-17 22:30	06-17 23:00	06-17 23:30
TSP	20	mg/Sm³	12	1	0.37	0.28	0.27	0.28	0.31	0.29	0.3	0.28	0.41	0.33	0.29	0.32	0.33	0.33	0.3	0.33
SOx	30	ppm	12	1	2.16	2.51	4.43	3.13	0	0	0	0	0	0	0.09	0	0	0	1.24	0.21
NOx	70	ppm	12	1	28.67	15.8	16.46	17.63	18.45	21.74	17.81	19.85	20.74	14.8	12.98	11.12	12.1	10.27	15.04	15.78
HCl	15	ppm	12	1	4.68	5.84	5.29	7.03	4.86	3.19	2.65	2.32	2.34	2.22	1.09	2.05	2.41	2.5	1.51	2.64
CO	50	ppm	12	1	14.78	0.51	17.92	23.15	0.46	0.44	0.98	2.42	1.42	1.27	37.06	0.73	0.63	0.57	23.64	2.61
O_2		%	0	0.1	7.87	5.86	4.67	5.28	6.58	6.15	5.9	4.85	8.43	6.86	4.83	6.29	6.66	6.57	4.74	6.18
FL1		Sm³	12	10	13,426.4	15,652.7	17,082.7	15,712.6	14,077.3	14,670.5	15,074.1	16,188.9	12,079	13,882.3	16,464.2	14,647.4	14,392.8	14,505.3	17,594.1	14,588.6
TMP		℃	0	1	189.29	189.82	190.1	189.98	188.33	187.46	186.89	186.92	186.62	185.49	185.05	185.8	186.42	185.8	186.14	186.61
TM1		℃	0	1	1,116	1,077.83	1,115.88	1,114.11	1,078.91	1,074.51	1,076.46	1,126.56	1,109.88	1,035.12	1,094.53	1,051.01	1,015.2	1,018.59	1,094.22	1,060.4
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

6월 18일 굴뚝별 트랜드

					06-18 00:00	06-18 00:30	06-18 01:00	06-18 01:30	06-18 02:00	06-18 02:30	06-18 03:00	06-18 03:30	06-18 04:00	06-18 04:30	06-18 05:00	06-18 05:30	06-18 06:00	06-18 06:30	06-18 07:00	06-18 07:30
TSP	20	mg/Sm³	12	1	0.43	0.3	0.32	0.35	0.32	0.31	0.32	0.33	0.45	0.32	0.36	0.34	0.37	0.35	0.36	0.34
SOx	30	ppm	12	1	0.03	0	0	0	0	0	0.05	0	0	0.08	0	0.28	0	0	0	0.21
NOx	70	ppm	12	1	21.01	14.26	13.35	10.34	13.69	12.25	13.87	15.38	19.93	17.01	15.08	18.71	19.08	18.58	20.39	15.47
HCl	15	ppm	12	1	3.02	0.71	1.23	1.94	1.68	1.33	0.69	1.2	2.92	0.56	1.83	2.42	3.34	2.64	2.14	1.02
CO	50	ppm	12	1	33.65	2.93	4.44	0.68	0.36	0.21	23.32	0.28	0.5	10.55	0.39	9.27	0.31	0.37	0.45	31.06
O_2		%	0	0.1	8.28	4.61	5.81	6.76	5.13	5.38	5.02	5.79	8.97	4.97	6.38	5.55	6.7	5.59	6.14	5.07
FL1		Sm³	12	10	11,777.8	16,541.2	15,170	14,015.3	16,492.7	15,751.2	16,256	15,061.2	12,161.4	16,130.5	14,373.7	15,585.5	14,158.9	15,557.6	14,984.9	16,517.7
TMP		℃	0	1	186.29	185.58	185.18	184.6	184.4	185.27	186.01	185.46	184.99	185.69	185.75	185.82	185.58	185.68	185.55	185.83
TM1		℃	0	1	1,083.05	1,121.4	1,066.57	1,019.95	1,081.2	1,088.95	1,091.89	1,087.22	1,056.95	1,095.57	1,072.06	1,106.53	1,075.73	1,117.15	1,085.21	1,088.83
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

					06-18 08:00	06-18 08:30	06-18 09:00	06-18 09:30	06-18 10:00	06-18 10:30	06-18 11:00	06-18 11:30	06-18 12:00	06-18 12:30	06-18 13:00	06-18 13:30	06-18 14:00	06-18 14:30	06-18 15:00	06-18 15:30
TSP	20	mg/Sm³	12	1	0.45	0.35	0.32	0.28	0.28	0.26	0.3	0.27	0.36	0.31	0.29	0.28	0.29	0.24	0.27	0.24
SOx	30	ppm	12	1	0	0.01	0	0.48	1.12	1.78	0.04	0.13	0.28	0	0	0	0	0.04	0	0.56
NOx	70	ppm	12	1	23.17	12.37	18.69	15.82	14.55	15.88	6.84	14.78	18.27	9.19	8.47	8.81	5.11	6.82	4.97	6.38
HCl	15	ppm	12	1	1.92	1.5	2.73	1.28	1.72	1.86	5.4	2.84	3.33	3.03	2.83	2.69	2.89	2.04	3.41	2.03
CO	50	ppm	12	1	4.54	3.31	0.47	52.1	29.25	46.69	20.34	13.19	27.25	0.73	0.6	0.59	0.78	13.56	0.59	29.48
O_2		%	0	0.1	8.03	6.23	6.05	4.3	4.96	4.45	6.89	5.7	8.71	7.47	6.88	6	7.05	4.86	6.7	4.67
FL1		Sm³	12	10	13,064.7	14,985.2	15,309.8	17,129.8	16,591.4	16,820.2	13,600.1	15,831.2	12,219.5	13,802.8	14,276.2	15,455.9	14,369.9	16,766.7	14,574.1	16,665.4
TMP		℃	0	1	186.75	186.93	186.47	186.16	186.28	187.18	185.85	186.29	187.18	187.52	187.42	187.71	188.02	187.85	187.52	187.66
TM1		℃	0	1	1,096.17	1,058.99	1,080.82	1,141.15	1,117.19	1,151.83	1,062.96	1,115.5	1,101.01	1,000.4	1,009.16	1,039.81	985.92	1,073.56	1,019.93	1,102.25
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

					06-18 16:00	06-18 16:30	06-18 17:00	06-18 17:30	06-18 18:00	06-18 18:30	06-18 19:00	06-18 19:30	06-18 20:00	06-18 20:30	06-18 21:00	06-18 21:30	06-18 22:00	06-18 22:30	06-18 23:00	06-18 23:30
TSP	20	mg/Sm³	12	1	0.34	0.26	0.28	0.31	0.29	0.29	0.32	0.37	0.39	0.28	0.3	0.29	0.3	0.28	0.29	0.3
SOx	30	ppm	12	1	0	0	0	0	0	0.13	0	0	0	0	0	0	0	0.07	0.06	0.02
NOx	70	ppm	12	1	10.08	12.75	10.84	5.76	9.87	5.99	4.21	5.41	6.3	2.4	2.57	4.03	7.87	7.62	11.52	15.76
HCl	15	ppm	12	1	3.42	2.48	3.11	3.06	2	2.27	3.48	3.56	2.78	1.79	2.87	2.24	2.85	2.39	2.77	3.52
CO	50	ppm	12	1	0.45	0.38	2.02	1.46	0.48	19.17	0.48	0.8	5.76	16.17	1.85	1.58	0.21	12.85	0.27	0.24
O_2		%	0	0.1	8.25	5.61	6.06	7.26	5.89	5.38	6.52	8.45	8.72	5.2	5.9	5.29	5.81	5.12	5.25	5.58
FL1		Sm³	12	10	12,768.7	15,512.7	15,047.3	13,713.4	15,401.1	15,648.5	14,072.4	12,273.1	12,610.3	15,041.8	14,425.9	15,041.5	14,431.5	15,661.2	15,315.2	14,917.8
TMP		℃	0	1	187.98	187.95	187.56	186.89	186.5	187.39	187.22	186.01	186.41	186.67	186.68	186.32	186.02	186.37	186.74	186.7
TM1		℃	0	1	1,085.63	1,091.27	1,079.7	1,004.16	1,053.26	1,065.67	1,032.21	962.79	1,025.39	1,091.94	1,063.49	1,096.74	1,093.25	1,108.53	1,121.32	1,121.27
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

6월 19일 굴뚝별 트랜드

					06-19 00:00	06-19 00:30	06-19 01:00	06-19 01:30	06-19 02:00	06-19 02:30	06-19 03:00	06-19 03:30	06-19 04:00	06-19 04:30	06-19 05:00	06-19 05:30	06-19 06:00	06-19 06:30	06-19 07:00	06-19 07:30
TSP	20	mg/Sm³	12	1	0.43	0.31	0.33	0.33	0.31	0.34	0.3	0.34	0.43	0.31	0.3	0.29	0.35	0.38	0.39	0.37
SOx	30	ppm	12	1	0.2	0.94	0.11	0	2.18	0	0	0	0	0.04	0.71	6.9	2.16	0	0	0
NOx	70	ppm	12	1	23.31	16.28	16.75	14.28	13.58	6.66	7.54	5.34	9.33	9.46	8.13	6.86	13.67	17.43	14.72	18.81
HCl	15	ppm	12	1	3.97	3.1	4.49	3.12	2.7	2.5	1.3	1.92	3.24	1.41	0.97	1.04	4.87	5.22	5.45	3.73
CO	50	ppm	12	1	2.79	0.63	0.35	0.54	15.33	1.12	5.91	7.39	6.33	2.24	49.12	64.34	7.13	0.41	0.47	0.43
O_2		%	0	0.1	8.94	5.49	6.4	6.26	5.48	6.43	4.92	6.38	8.46	5.29	4.33	3.65	5.94	6.75	7.28	6.94
FL1		Sm³	12	10	11,691.6	15,061.5	14,208.4	14,338.2	15,346	14,513.4	15,888.9	14,089.2	11,794	15,506.2	15,981.4	16,243.3	15,046.6	14,314	13,384.5	14,428.1
TMP		℃	0	1	186.86	187.3	187.29	186.74	186.74	187.37	186.73	186.17	184.85	184.62	185.71	185.79	186.69	187.64	186.92	186.61
TM1		℃	0	1	1,106.06	1,128.62	1,086.26	1,069.65	1,092.05	1,033.75	1,082.64	1,041.83	1,079.42	1,100.34	1,122.98	1,143.09	1,110.69	1,080.91	1,063.18	1,074.1
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

					06-19 08:00	06-19 08:30	06-19 09:00	06-19 09:30	06-19 10:00	06-19 10:30	06-19 11:00	06-19 11:30	06-19 12:00	06-19 12:30	06-19 13:00	06-19 13:30	06-19 14:00	06-19 14:30	06-19 15:00	06-19 15:30
TSP	20	mg/Sm³	12	1	0.41	0.35	0.33	0.29	0.3	0.28	0.28	0.28	0.36	0.29	0.26	0.27	0.27	0.28	0.24	0.26
SOx	30	ppm	12	1	0	0	0	0	0.01	0.29	0.27	0.12	0.14	0	0.32	0	0.18	0	0.03	0.72
NOx	70	ppm	12	1	26.08	21.5	19.3	14.81	12.98	14.45	16.07	14.93	24.94	14.55	11.61	14.05	12.88	16.79	13.85	17.22
HCl	15	ppm	12	1	2.42	1.95	3.12	2.29	2.61	2.39	3.15	3.75	3.13	2.97	2.37	2.73	2.74	3.02	2.76	3.79
CO	50	ppm	12	1	5.36	0.41	0.47	1.32	0.84	21.17	16.83	5.61	13.2	7.75	26.96	2.48	19.66	0.56	13.49	16.76
O_2		%	0	0.1	8.09	6.69	6.36	5.89	6.35	5.33	5.89	6.22	9.14	7.09	5.96	6.53	6.19	6.85	4.98	5.82
FL1		Sm³	12	10	12,791.4	15,054.9	15,309.8	14,681.3	14,511.4	15,688.9	14,874.6	14,083.2	11,909.4	13,530.7	14,681.2	14,411.4	14,663	14,049.8	15,949.6	14,714.6
TMP		℃	0	1	186.74	187.09	186.82	185.99	186.28	187.17	187.3	186.79	186.54	186.17	186.28	186.91	186.64	186.55	186.92	187.23
TM1		℃	0	1	1,127.61	1,073.64	1,083.44	1,084.66	1,059.16	1,099.43	1,094.61	1,106.75	1,118.63	1,061.11	1,078.16	1,053.53	1,073.21	1,044.45	1,128.48	1,114.13
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

					06-19 16:00	06-19 16:30	06-19 17:00	06-19 17:30	06-19 18:00	06-19 18:30	06-19 19:00	06-19 19:30	06-19 20:00	06-19 20:30	06-19 21:00	06-19 21:30	06-19 22:00	06-19 22:30	06-19 23:00	06-19 23:30
TSP	20	mg/Sm³	12	1	0.33	0.26	0.26	0.27	0.63	0.26	0.27	0.26	0.37	0.27	0.27	0.27	0.27	0.28	0.27	0.27
SOx	30	ppm	12	1	6.27	0.6	1.23	0.4	0.78	0	0	0	0	0	0.02	0	0.1	0	0	0.76
NOx	70	ppm	12	1	21	17.05	15.16	15.59	9.02	5.12	3.65	4.64	7.57	6.24	4.59	4.52	5.67	3.99	5.09	4.28
HCl	15	ppm	12	1	4.33	4.38	5.42	6.2	5.5	4.32	3.73	3.08	3.42	2.72	3.23	3.61	4.58	4.93	4	3.67
CO	50	ppm	12	1	21.3	11.64	1.72	0.52	20.03	2.44	0.51	1.05	0.63	0.37	8.85	0.41	0.66	0.2	0.17	19.48
O_2		%	0	0.1	8.15	6.46	6.72	6.54	5.96	5.5	6.09	5.7	8.8	5.73	4.98	5.17	5.38	6.11	5.62	5.22
FL1		Sm³	12	10	12,193.1	13,685.9	13,800.7	14,550.2	15,232.1	14,630.6	13,948.6	14,218.3	11,087.9	14,223.6	14,907.1	14,706	14,255.1	13,575.6	14,041.8	14,715.3
TMP		℃	0	1	187.18	186.57	186.92	187.96	188.39	187.65	186.56	185.55	185.06	184.96	185.32	186.34	186.93	186.77	186.3	186.64
TM1		℃	0	1	1,147.56	1,119.13	1,095.14	1,058.89	1,057.73	1,063.35	1,044.3	1,058.58	1,060.59	1,069.03	1,102.13	1,096.62	1,109.63	1,074.91	1,098.43	1,097.63
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