8월 17일 굴뚝별 트랜드

					08-17 00:00	08-17 00:30	08-17 01:00	08-17 01:30	08-17 02:00	08-17 02:30	08-17 03:00	08-17 03:30	08-17 04:00	08-17 04:30	08-17 05:00	08-17 05:30	08-17 06:00	08-17 06:30	08-17 07:00	08-17 07:30
TSP	20	mg/Sm³	12	1	0.63	0.55	0.47	0.51	0.51	0.53	0.53	0.55	0.65	0.52	0.52	0.50	0.53	0.53	0.55	0.55
SOx	30	ppm	12	1	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.42	0.00	0.00
NOx	70	ppm	12	1	25.47	17.89	16.60	18.87	19.58	20.19	19.80	18.20	24.11	21.02	20.47	20.63	21.36	23.91	18.74	21.94
HCl	15	ppm	12	1	4.65	4.01	2.39	3.31	2.92	3.27	3.32	2.75	2.43	2.23	2.25	2.38	4.20	5.60	4.23	4.05
CO	50	ppm	12	1	0.68	0.47	1.79	0.17	0.16	0.20	0.18	0.46	1.16	0.21	0.17	0.12	0.13	0.08	0.16	0.12
O_2		%	0	0.1	9.32	7.98	6.13	7.07	6.86	7.35	7.59	8.00	9.06	6.77	6.87	6.61	7.37	7.28	7.50	7.81
FL1		Sm³	12	10	12,196	13,108	15,036	14,096	14,386	13,943	13,491	13,045	12,062	14,372	14,173	14,443	14,092	14,151	13,941	13,576
TMP		℃	0	1	187.45	187.41	186.58	186.42	186.85	186.76	186.61	186.20	185.91	186.60	186.72	186.63	186.51	186.95	187.07	186.96
TM1		℃	0	1	1,058.49	1,026.19	1,064.43	1,072.95	1,066.19	1,044.15	1,048.21	1,002.31	1,060.96	1,058.46	1,056.13	1,080.56	1,054.33	1,057.05	1,049.91	1,040.46
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-17 08:00	08-17 08:30	08-17 09:00	08-17 09:30	08-17 10:00	08-17 10:30	08-17 11:00	08-17 11:30	08-17 12:00	08-17 12:30	08-17 13:00	08-17 13:30	08-17 14:00	08-17 14:30	08-17 15:00	08-17 15:30
TSP	20	mg/Sm³	12	1	0.71	0.56	0.50	0.51	0.52	0.49	0.45	0.50	0.68	0.45	0.52	0.49	0.49	0.53	0.48	0.48
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.53	0.00	0.13	0.14	0.00	0.00	0.13
NOx	70	ppm	12	1	26.46	15.47	19.50	16.79	21.59	21.12	24.53	24.00	21.63	23.48	18.61	17.99	22.34	17.26	23.26	21.45
HCl	15	ppm	12	1	3.02	2.01	1.20	2.49	1.63	1.93	2.21	2.78	2.65	1.70	2.26	2.28	1.62	2.32	1.25	1.84
CO	50	ppm	12	1	0.57	0.40	0.19	0.25	0.23	0.28	3.34	0.26	0.57	8.46	0.29	0.41	0.60	0.31	0.19	0.22
O_2		%	0	0.1	10.60	7.85	5.80	6.65	6.73	6.09	4.86	6.30	10.31	4.92	6.68	6.12	5.99	7.44	6.14	5.65
FL1		Sm³	12	10	11,785	13,881	16,696	15,275	15,166	16,253	16,977	15,058	11,269	16,652	14,785	15,208	15,337	13,568	15,182	15,844
TMP		℃	0	1	187.45	187.23	187.45	188.53	188.12	188.35	188.76	188.52	187.38	186.64	187.34	187.61	187.26	186.97	186.44	186.74
TM1		℃	0	1	986.43	988.73	1,068.38	1,048.91	1,041.31	1,072.96	1,110.12	1,078.47	992.68	1,098.90	1,035.87	1,069.37	1,069.75	1,028.07	1,055.95	1,076.35
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-17 16:00	08-17 16:30	08-17 17:00	08-17 17:30	08-17 18:00	08-17 18:30	08-17 19:00	08-17 19:30	08-17 20:00	08-17 20:30	08-17 21:00	08-17 21:30	08-17 22:00	08-17 22:30	08-17 23:00	08-17 23:30
TSP	20	mg/Sm³	12	1	0.66	0.51	0.52	0.52	0.49	0.50	0.52	0.59	0.64	0.50	0.52	0.48	0.52	0.50	0.49	0.52
SOx	30	ppm	12	1	0.00	0.01	0.00	0.00	0.00	0.67	0.00	0.00	0.05	0.36	0.00	1.08	0.07	0.00	0.00	0.00
NOx	70	ppm	12	1	27.13	16.85	18.76	16.68	19.42	17.93	18.37	14.57	20.41	15.62	18.37	21.67	17.56	17.53	20.96	17.79
HCl	15	ppm	12	1	3.26	2.14	1.74	2.03	1.68	2.59	2.62	2.58	2.17	3.81	3.50	4.24	6.76	2.94	2.36	3.03
CO	50	ppm	12	1	0.29	0.32	0.28	0.26	0.16	0.48	0.11	0.52	4.09	7.64	0.26	0.14	0.19	0.08	0.08	0.10
O_2		%	0	0.1	9.05	7.01	7.04	7.38	6.73	6.64	6.96	8.58	8.89	6.50	6.99	6.23	6.91	6.45	6.11	6.83
FL1		Sm³	12	10	11,821	13,860	14,042	13,498	14,177	14,190	13,741	12,304	12,337	14,631	14,099	15,414	14,193	14,264	14,634	14,074
TMP		℃	0	1	187.15	186.44	185.76	185.57	185.27	185.50	185.53	185.26	185.42	186.67	186.29	185.15	186.33	186.17	185.51	185.61
TM1		℃	0	1	1,071.03	1,042.59	1,039.97	1,021.63	1,059.69	1,072.95	1,066.68	998.99	1,035.46	1,051.45	1,044.88	1,073.98	1,051.67	1,071.39	1,085.24	1,067.07
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

8월 18일 굴뚝별 트랜드

					08-18 00:00	08-18 00:30	08-18 01:00	08-18 01:30	08-18 02:00	08-18 02:30	08-18 03:00	08-18 03:30	08-18 04:00	08-18 04:30	08-18 05:00	08-18 05:30	08-18 06:00	08-18 06:30	08-18 07:00	08-18 07:30
TSP	20	mg/Sm³	12	1	0.67	0.50	0.54	0.52	0.52	0.53	0.54	0.55	0.70	0.54	0.55	0.60	0.58	0.56	0.56	0.56
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00
NOx	70	ppm	12	1	24.92	20.19	17.81	19.19	19.41	22.70	20.98	17.31	25.36	19.15	23.42	22.68	19.67	18.67	21.82	17.14
HCl	15	ppm	12	1	3.39	2.39	2.25	1.98	2.09	2.00	2.52	2.44	3.36	2.44	1.76	2.50	3.50	1.51	1.64	1.87
CO	50	ppm	12	1	0.16	0.12	0.26	0.15	0.12	0.11	0.21	0.27	0.38	0.20	0.15	0.24	1.74	0.22	0.12	0.19
O_2		%	0	0.1	9.14	6.18	7.27	6.89	6.95	6.98	6.89	6.67	9.14	6.60	6.61	7.58	6.93	7.26	6.92	7.41
FL1		Sm³	12	10	11,830	14,874	13,606	13,981	13,891	13,971	14,303	14,769	11,919	14,538	14,701	13,729	14,228	13,726	14,295	13,525
TMP		℃	0	1	185.90	186.15	185.71	185.10	185.44	185.61	185.73	186.13	186.40	186.56	186.15	186.05	186.16	184.78	184.44	185.51
TM1		℃	0	1	1,074.97	1,096.92	1,058.85	1,072.21	1,074.53	1,086.93	1,047.28	1,061.04	1,053.15	1,070.27	1,057.60	1,024.45	1,066.70	1,030.41	1,066.77	1,036.91
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-18 08:00	08-18 08:30	08-18 09:00	08-18 09:30	08-18 10:00	08-18 10:30	08-18 11:00	08-18 11:30	08-18 12:00	08-18 12:30	08-18 13:00	08-18 13:30	08-18 14:00	08-18 14:30	08-18 15:00	08-18 15:30
TSP	20	mg/Sm³	12	1	0.66	0.55	0.59	0.49	0.53	0.50	0.50	0.53	0.69	0.53	0.53	0.53	0.50	0.55	0.52	0.52
SOx	30	ppm	12	1	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.93	0.00	0.00
NOx	70	ppm	12	1	32.54	25.93	17.93	26.50	21.89	25.45	26.02	24.15	25.74	23.78	24.15	22.47	25.88	23.73	26.55	21.23
HCl	15	ppm	12	1	1.56	2.25	1.85	1.01	1.63	1.34	1.75	1.92	2.21	1.39	1.38	1.47	1.31	3.11	1.59	1.80
CO	50	ppm	12	1	0.20	0.22	0.43	0.13	0.26	0.15	0.22	0.28	0.41	0.22	0.21	0.26	0.96	0.66	0.25	0.27
O_2		%	0	0.1	8.69	6.77	8.17	6.64	7.41	6.57	6.42	6.92	10.20	7.04	7.17	7.23	6.49	7.42	6.74	6.57
FL1		Sm³	12	10	12,454	14,329	12,817	14,274	13,531	14,451	14,796	14,327	11,326	14,114	13,865	13,746	14,651	13,522	14,527	14,687
TMP		℃	0	1	185.68	186.17	185.92	184.59	184.57	185.47	186.47	186.81	186.99	186.47	185.97	186.23	186.31	186.85	186.86	186.99
TM1		℃	0	1	1,077.04	1,070.74	1,008.77	1,059.44	1,035.62	1,067.14	1,074.19	1,050.13	1,025.07	1,044.91	1,036.57	1,025.75	1,075.81	1,051.45	1,045.87	1,052.46
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24	36.23	36.21	36.21	36.21	36.21

					08-18 16:00	08-18 16:30	08-18 17:00	08-18 17:30	08-18 18:00	08-18 18:30	08-18 19:00	08-18 19:30	08-18 20:00	08-18 20:30	08-18 21:00	08-18 21:30	08-18 22:00	08-18 22:30	08-18 23:00	08-18 23:30
TSP	20	mg/Sm³	12	1	0.65	0.48	0.51	0.54	0.57	0.51	0.54	0.55	0.71	0.59	0.52	0.57	0.54	0.53	0.62	0.56
SOx	30	ppm	12	1	0.00	0.42	0.00	0.00	0.00	0.14	1.04	1.99	15.48	0.00	1.03	0.43	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	28.26	24.61	20.15	18.75	13.97	24.39	18.31	24.47	37.84	22.71	27.12	18.74	24.10	24.30	18.02	21.90
HCl	15	ppm	12	1	2.50	2.16	3.39	2.90	2.29	1.98	5.81	4.19	11.88	6.92	3.88	8.65	3.51	3.28	4.87	1.87
CO	50	ppm	12	1	0.34	0.19	0.30	0.34	0.55	0.24	0.29	0.24	0.25	0.23	0.16	0.24	0.18	0.18	0.69	0.36
O_2		%	0	0.1	9.14	5.59	6.55	7.13	8.43	6.72	7.25	6.77	9.06	7.79	6.45	7.42	6.66	5.96	8.27	7.55
FL1		Sm³	12	10	12,065	15,710	14,824	13,998	12,575	15,216	14,451	15,524	12,856	13,890	15,690	14,471	15,627	16,589	13,460	14,419
TMP		℃	0	1	187.44	187.61	187.84	187.59	186.60	186.37	187.87	188.33	189.21	189.19	187.82	188.39	188.49	188.81	188.65	186.71
TM1		℃	0	1	1,041.91	1,084.75	1,047.99	1,020.06	987.36	1,041.62	1,047.25	1,048.87	1,100.55	1,039.23	1,077.07	1,052.20	1,065.21	1,076.47	1,013.04	1,003.38
TM3		℃	0	1	36.21	36.21	36.21	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.22	36.21	36.21	36.21

8월 19일 굴뚝별 트랜드

					08-19 00:00	08-19 00:30	08-19 01:00	08-19 01:30	08-19 02:00	08-19 02:30	08-19 03:00	08-19 03:30	08-19 04:00	08-19 04:30	08-19 05:00	08-19 05:30	08-19 06:00	08-19 06:30	08-19 07:00	08-19 07:30
TSP	20	mg/Sm³	12	1	0.68	0.57	0.57	0.54	0.52	0.57	0.56	0.57	0.74	0.55	0.58	0.54	0.58	0.55	0.63	0.58
SOx	30	ppm	12	1	0.24	1.24	0.00	0.51	0.00	0.01	0.00	0.00	0.00	0.03	0.00	0.35	0.00	0.00	0.00	0.02
NOx	70	ppm	12	1	27.82	12.65	15.84	18.32	21.85	18.28	22.34	16.68	22.68	21.30	18.33	20.40	20.82	22.05	21.24	24.58
HCl	15	ppm	12	1	4.64	5.61	2.17	2.84	2.10	1.70	1.31	1.66	1.52	1.37	1.70	2.36	3.45	2.43	3.13	2.00
CO	50	ppm	12	1	0.47	0.35	0.35	0.24	0.14	0.31	0.23	0.20	0.42	0.13	0.24	0.25	0.21	0.26	0.33	0.31
O_2		%	0	0.1	9.15	7.37	7.81	6.11	5.92	7.02	6.56	7.14	9.64	6.78	6.86	5.71	6.89	5.98	8.07	7.25
FL1		Sm³	12	10	13,266	14,441	14,040	16,188	15,741	14,289	14,974	14,020	11,607	14,442	14,711	15,954	14,556	15,590	13,400	14,187
TMP		℃	0	1	187.82	188.81	187.65	188.09	188.09	186.82	186.78	186.41	186.14	186.39	187.06	187.37	187.35	187.34	187.39	186.84
TM1		℃	0	1	1,060.04	1,033.55	1,007.37	1,079.93	1,084.29	1,069.52	1,071.73	1,054.24	1,044.19	1,062.61	1,051.89	1,094.52	1,046.22	1,096.63	1,019.21	1,024.14
TM3		℃	0	1	36.21	36.22	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					08-19 08:00	08-19 08:30	08-19 09:00	08-19 09:30	08-19 10:00	08-19 10:30	08-19 11:00	08-19 11:30	08-19 12:00	08-19 12:30	08-19 13:00	08-19 13:30	08-19 14:00	08-19 14:30	08-19 15:00	08-19 15:30
TSP	20	mg/Sm³	12	1	0.73	0.53	0.57	0.50	0.54	0.54	0.50	0.54	0.66	0.48	0.53	0.51	0.44	0.53	0.49	0.57
SOx	30	ppm	12	1	0.24	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	2.16	0.09	0.08	0.00
NOx	70	ppm	12	1	33.29	27.62	21.84	27.87	18.18	20.67	24.62	18.78	15.83	21.40	15.74	19.78	18.82	14.83	21.12	12.04
HCl	15	ppm	12	1	2.85	2.05	2.28	1.38	3.17	1.96	1.49	2.38	1.80	0.87	1.66	1.64	1.15	2.65	1.16	2.05
CO	50	ppm	12	1	0.31	0.15	0.32	0.29	0.32	0.21	0.12	0.17	0.36	0.90	0.21	0.16	19.46	0.27	0.13	0.42
O_2		%	0	0.1	9.07	6.43	7.78	6.02	7.37	7.41	6.22	7.02	10.29	6.48	6.90	6.55	4.54	7.15	6.33	8.04
FL1		Sm³	12	10	11,762	14,866	13,290	15,436	13,787	13,669	15,266	14,157	10,987	14,474	13,908	14,520	16,730	14,149	15,058	13,127
TMP		℃	0	1	186.74	187.01	186.56	186.29	186.72	186.32	186.37	187.17	186.30	184.89	185.72	186.94	186.18	187.21	187.35	187.40
TM1		℃	0	1	1,081.97	1,078.49	1,046.83	1,090.83	1,056.26	1,032.23	1,068.53	1,061.56	1,001.46	1,072.17	1,052.31	1,052.13	1,112.87	1,063.08	1,070.43	1,012.17
TM3		℃	0	1	36.22	36.22	36.24	36.24	36.22	36.24	36.25	36.25	36.25	36.25	36.24	36.24	36.24	36.24	36.24	36.23

					08-19 16:00	08-19 16:30	08-19 17:00	08-19 17:30	08-19 18:00	08-19 18:30	08-19 19:00	08-19 19:30	08-19 20:00	08-19 20:30	08-19 21:00	08-19 21:30	08-19 22:00	08-19 22:30	08-19 23:00	08-19 23:30
TSP	20	mg/Sm³	12	1	0.66	0.50	0.54	0.55	0.49	0.54	0.54	0.53	0.67	0.53	0.50	0.50	0.52	0.51	0.49	0.52
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.06	0.01	0.00	0.05	0.00
NOx	70	ppm	12	1	15.31	20.45	16.45	10.76	21.28	18.14	17.92	21.61	25.36	15.90	18.86	22.17	18.69	20.72	23.23	19.12
HCl	15	ppm	12	1	1.23	0.87	1.51	1.33	0.63	1.85	1.82	1.01	1.60	1.41	1.02	1.01	1.28	1.34	1.51	2.64
CO	50	ppm	12	1	0.40	0.10	0.21	0.33	0.07	0.21	0.13	0.13	0.28	0.19	0.12	0.10	0.16	0.20	0.15	0.15
O_2		%	0	0.1	9.98	6.23	7.02	7.80	6.41	7.05	7.45	7.03	9.54	7.00	6.69	6.04	6.38	6.33	5.35	5.99
FL1		Sm³	12	10	11,645	15,392	14,300	13,004	14,813	14,362	13,818	14,712	11,901	14,234	14,273	15,139	14,805	14,854	16,264	14,957
TMP		℃	0	1	186.54	186.50	187.85	187.19	185.60	186.46	187.36	187.37	187.53	187.58	186.87	186.51	186.91	186.80	187.40	187.45
TM1		℃	0	1	1,011.46	1,080.90	1,031.09	1,012.71	1,082.03	1,062.33	1,049.30	1,064.19	1,054.45	1,047.23	1,064.46	1,091.13	1,073.51	1,065.95	1,093.15	1,082.97
TM3		℃	0	1	36.23	36.22	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21