7월 18일 굴뚝별 트랜드

					07-18 00:00	07-18 00:30	07-18 01:00	07-18 01:30	07-18 02:00	07-18 02:30	07-18 03:00	07-18 03:30	07-18 04:00	07-18 04:30	07-18 05:00	07-18 05:30	07-18 06:00	07-18 06:30	07-18 07:00	07-18 07:30
TSP	20	mg/Sm³	12	1	0.63	0.45	0.49	0.46	0.51	0.47	0.46	0.51	0.64	0.51	0.53	0.45	0.54	0.50	0.47	0.46
SOx	30	ppm	12	1	0.00	0.66	0.59	2.00	0.00	0.09	0.80	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	19.43	17.01	18.32	21.92	19.42	21.99	22.82	20.94	35.51	17.81	12.91	16.25	10.55	16.30	15.64	15.52
HCl	15	ppm	12	1	6.15	4.24	7.33	8.78	6.60	4.88	5.61	4.97	5.89	4.97	3.48	2.57	2.91	2.11	2.82	2.96
CO	50	ppm	12	1	0.66	0.48	0.55	0.55	0.40	0.28	0.28	0.38	0.28	0.21	0.45	2.41	0.35	0.43	0.44	0.96
O_2		%	0	0.1	9.88	5.78	6.61	5.44	7.06	5.98	5.71	6.55	8.28	6.84	7.79	5.53	7.64	6.60	5.66	5.60
FL1		Sm³	12	10	11,579	16,001	15,222	16,512	14,566	15,848	15,987	15,156	12,971	14,652	13,789	16,247	13,889	15,325	16,375	16,269
TMP		℃	0	1	178.67	178.47	179.05	179.17	178.63	178.26	178.72	178.24	178.65	178.50	177.68	177.05	177.24	177.50	178.43	178.58
TM1		℃	0	1	1,009.32	1,059.37	1,032.01	1,067.99	1,028.99	1,060.26	1,094.15	1,061.61	1,106.74	1,061.03	988.63	1,066.40	995.40	1,007.59	1,058.57	1,070.65
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-18 08:00	07-18 08:30	07-18 09:00	07-18 09:30	07-18 10:00	07-18 10:30	07-18 11:00	07-18 11:30	07-18 12:00	07-18 12:30	07-18 13:00	07-18 13:30	07-18 14:00	07-18 14:30	07-18 15:00	07-18 15:30
TSP	20	mg/Sm³	12	1	0.63	0.43	0.50	0.55	0.51	0.43	0.45	0.50	0.56	0.44	0.48	0.49	0.43	0.48	0.43	0.45
SOx	30	ppm	12	1	0.00	0.77	1.89	0.00	0.14	1.38	0.00	0.00	0.09	1.72	0.00	0.00	0.11	0.00	0.24	0.55
NOx	70	ppm	12	1	21.07	18.93	13.17	17.05	18.34	21.72	23.46	17.86	32.63	25.24	19.55	18.92	23.84	18.99	28.56	24.79
HCl	15	ppm	12	1	4.03	3.82	7.00	4.40	4.06	5.65	4.97	3.76	3.70	4.20	2.92	2.15	2.29	3.66	2.80	4.56
CO	50	ppm	12	1	0.94	4.70	1.64	0.56	0.45	0.12	0.14	0.28	0.56	0.23	0.51	0.37	0.20	0.36	0.22	2.69
O_2		%	0	0.1	9.00	4.86	7.08	8.49	8.08	6.14	6.80	8.54	9.10	6.49	8.18	8.43	6.31	7.75	5.90	5.81
FL1		Sm³	12	10	12,790	17,154	14,467	12,933	13,727	15,162	14,363	12,430	11,978	14,624	13,086	12,413	14,964	13,422	15,923	16,185
TMP		℃	0	1	178.45	179.00	178.89	177.68	177.76	177.28	177.99	176.73	177.00	177.55	176.99	176.69	177.23	177.62	177.80	179.10
TM1		℃	0	1	1,033.69	1,088.89	1,033.17	966.85	971.61	1,069.11	1,090.94	1,002.29	1,074.11	1,119.27	1,021.67	1,001.25	1,076.54	1,049.05	1,086.77	1,090.19
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-18 16:00	07-18 16:30	07-18 17:00	07-18 17:30	07-18 18:00	07-18 18:30	07-18 19:00	07-18 19:30	07-18 20:00	07-18 20:30	07-18 21:00	07-18 21:30	07-18 22:00	07-18 22:30	07-18 23:00	07-18 23:30
TSP	20	mg/Sm³	12	1	0.62	0.41	0.44	0.46	0.44	0.44	0.49	0.46	0.59	0.47	0.50	0.46	0.50	0.44	0.41	0.48
SOx	30	ppm	12	1	5.77	0.22	2.45	0.22	0.40	3.09	0.00	0.03	2.57	1.10	0.14	1.38	0.06	0.07	3.64	0.31
NOx	70	ppm	12	1	26.67	24.20	22.51	24.33	24.20	27.76	20.97	17.04	23.48	20.91	21.33	14.23	19.31	24.13	18.58	21.35
HCl	15	ppm	12	1	5.47	3.18	6.82	4.27	4.89	6.12	5.46	4.66	7.91	8.28	6.59	6.97	5.72	3.68	5.54	4.66
CO	50	ppm	12	1	13.95	0.28	0.31	0.47	0.34	7.72	0.48	0.79	17.17	0.26	0.35	8.43	1.17	0.39	5.21	0.33
O_2		%	0	0.1	10.55	4.66	5.77	6.39	5.98	5.52	7.26	6.04	7.97	5.97	6.86	5.53	6.60	5.17	4.48	6.79
FL1		Sm³	12	10	11,875	17,714	16,012	15,406	15,891	16,232	14,454	16,123	13,677	15,956	15,069	16,651	15,392	16,865	16,747	14,684
TMP		℃	0	1	179.12	179.66	180.48	179.60	179.87	180.05	179.75	179.55	180.12	180.66	179.90	180.13	180.02	179.63	178.17	177.06
TM1		℃	0	1	1,024.43	1,098.59	1,114.77	1,063.83	1,089.78	1,117.90	1,038.20	1,047.71	1,080.87	1,068.82	1,033.62	1,077.41	1,041.93	1,085.88	1,115.71	1,054.85
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

7월 19일 굴뚝별 트랜드

					07-19 00:00	07-19 00:30	07-19 01:00	07-19 01:30	07-19 02:00	07-19 02:30	07-19 03:00	07-19 03:30	07-19 04:00	07-19 04:30	07-19 05:00	07-19 05:30	07-19 06:00	07-19 06:30	07-19 07:00	07-19 07:30
TSP	20	mg/Sm³	12	1	0.58	0.49	0.44	0.43	0.51	0.46	0.47	0.53	0.62	0.49	0.48	0.54	0.48	0.46	0.49	0.44
SOx	30	ppm	12	1	4.80	0.98	0.00	0.32	0.08	0.00	1.71	0.00	0.00	0.00	0.01	0.00	2.19	2.59	1.20	0.00
NOx	70	ppm	12	1	27.31	13.95	14.37	15.35	14.32	16.85	16.24	8.55	12.16	7.25	8.90	6.23	11.96	10.76	16.26	19.37
HCl	15	ppm	12	1	4.68	5.22	1.98	2.93	4.64	2.99	7.08	4.88	3.38	2.67	2.41	2.44	1.65	3.55	1.79	2.46
CO	50	ppm	12	1	31.79	0.95	1.01	18.96	1.35	2.38	28.97	0.43	10.43	4.98	0.51	2.32	12.29	15.24	10.62	0.93
O_2		%	0	0.1	7.37	6.51	5.20	4.61	6.90	5.74	5.42	7.49	8.86	6.56	6.36	7.86	6.65	5.36	6.03	5.19
FL1		Sm³	12	10	14,121	14,159	15,761	16,737	13,733	16,041	15,747	13,399	11,972	14,524	14,935	13,462	15,435	16,501	15,889	15,363
TMP		℃	0	1	177.76	178.01	176.48	177.34	177.24	176.01	177.32	177.63	175.74	176.72	177.00	176.14	175.33	177.75	178.51	177.11
TM1		℃	0	1	1,081.36	1,060.99	1,063.30	1,113.09	1,051.70	1,039.30	1,083.24	1,015.17	1,022.51	1,014.88	1,023.29	965.15	994.27	1,078.23	1,051.48	1,097.63
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-19 08:00	07-19 08:30	07-19 09:00	07-19 09:30	07-19 10:00	07-19 10:30	07-19 11:00	07-19 11:30	07-19 12:00	07-19 12:30	07-19 13:00	07-19 13:30	07-19 14:00	07-19 14:30	07-19 15:00	07-19 15:30
TSP	20	mg/Sm³	12	1	0.62	0.53	0.43	0.40	0.41	0.40	0.38	0.37	0.37	0.37	0.37	0.36	0.35	0.36	0.38	0.50
SOx	30	ppm	12	1	0.00	0.00	0.59	0.00	0.00	15.18	19.52	0.01	0.26	0.46	0.64	0.74	0.53	1.23	0.00	0.00
NOx	70	ppm	12	1	28.29	17.00	26.99	0.00	0.00	35.30	44.58	0.01	0.07	0.00	0.00	0.00	4.96	56.31	39.94	25.81
HCl	15	ppm	12	1	2.56	1.89	2.07	0.78	0.54	6.17	18.82	0.36	0.25	0.20	0.23	0.25	0.17	8.40	6.84	2.62
CO	50	ppm	12	1	0.72	0.52	0.39	0.02	0.01	42.98	54.42	0.00	0.00	0.01	0.01	0.01	0.04	0.40	0.51	0.42
O_2		%	0	0.1	8.52	7.68	7.75	21.13	12.48	9.43	5.01	21.13	21.13	21.06	20.90	20.90	19.90	7.26	7.64	7.67
FL1		Sm³	12	10	11,341	13,790	17,253	18,591	17,488	17,833	19,219	19,125	18,512	18,384	18,389	17,755	18,021	18,520	18,151	13,713
TMP		℃	0	1	175.92	175.94	176.62	177.51	177.19	176.87	178.59	178.18	177.91	177.10	177.45	176.78	174.68	175.46	177.61	176.39
TM1		℃	0	1	1,086.71	1,028.78	1,059.49	1,085.92	1,066.08	1,103.31	1,069.52	1,023.05	1,070.42	1,064.41	1,089.90	1,038.94	1,017.10	1,066.53	1,051.95	1,038.90
TM3		℃	0	1	36.13	36.13	36.14	36.17	36.17	36.17	36.17	36.16	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-19 16:00	07-19 16:30	07-19 17:00	07-19 17:30	07-19 18:00	07-19 18:30	07-19 19:00	07-19 19:30	07-19 20:00	07-19 20:30	07-19 21:00	07-19 21:30	07-19 22:00	07-19 22:30	07-19 23:00	07-19 23:30
TSP	20	mg/Sm³	12	1	0.59	0.47	0.45	0.46	0.52	0.47	0.44	0.45	0.65	0.47	0.45	0.50	0.48	0.53	0.49	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.14	0.00	0.03	0.44	0.00	0.00	0.00	0.00	0.05
NOx	70	ppm	12	1	34.25	27.16	26.14	21.10	20.26	17.77	25.66	19.79	28.60	21.88	19.01	28.13	25.31	17.19	19.50	21.35
HCl	15	ppm	12	1	3.98	3.88	2.35	1.99	2.15	1.55	2.19	6.94	5.80	2.35	6.15	6.85	5.01	4.87	3.11	2.15
CO	50	ppm	12	1	0.29	0.21	0.27	0.39	0.71	0.70	0.66	0.41	0.91	0.60	0.35	0.47	0.30	0.43	0.45	22.94
O_2		%	0	0.1	9.60	7.15	6.96	7.08	8.42	7.44	6.14	5.86	10.70	6.49	5.61	6.96	6.31	7.71	7.12	5.27
FL1		Sm³	12	10	11,871	13,871	13,764	13,584	12,284	13,402	15,921	15,507	10,703	14,739	15,902	14,633	15,439	13,825	14,564	16,158
TMP		℃	0	1	177.54	178.01	176.10	174.77	176.73	175.60	176.30	178.66	177.89	175.76	177.33	178.46	178.10	178.20	177.83	177.44
TM1		℃	0	1	1,069.03	1,061.41	1,032.59	1,049.53	972.69	978.01	1,030.17	1,063.74	1,003.81	1,039.11	1,074.03	1,032.97	1,072.21	1,033.91	1,037.17	1,071.83
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

7월 20일 굴뚝별 트랜드

					07-20 00:00	07-20 00:30	07-20 01:00	07-20 01:30	07-20 02:00	07-20 02:30	07-20 03:00	07-20 03:30	07-20 04:00	07-20 04:30	07-20 05:00	07-20 05:30	07-20 06:00	07-20 06:30	07-20 07:00	07-20 07:30
TSP	20	mg/Sm³	12	1	0.64	0.45	0.48	0.50	0.43	0.48	0.49	0.52	0.64	0.48	0.50	0.53	0.51	0.50	0.48	0.56
SOx	30	ppm	12	1	0.08	0.01	0.00	0.00	0.33	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	15.06	21.05	20.59	11.21	16.34	19.84	13.96	10.43	19.35	14.18	16.88	10.43	15.42	9.91	13.46	9.41
HCl	15	ppm	12	1	2.65	1.60	2.06	1.95	1.74	2.18	2.05	1.99	3.10	2.08	2.43	2.55	1.97	2.03	2.06	2.29
CO	50	ppm	12	1	80.87	18.75	0.26	0.45	25.01	0.15	0.35	0.84	36.94	0.22	0.28	0.39	0.27	0.41	0.29	0.56
O_2		%	0	0.1	9.64	5.43	6.30	6.70	4.48	6.18	6.18	6.80	7.94	6.02	6.62	7.49	6.85	6.66	6.08	8.34
FL1		Sm³	12	10	11,380	16,003	14,961	14,626	17,120	15,173	15,077	14,665	12,430	15,245	14,484	13,568	14,343	14,695	15,112	13,111
TMP		℃	0	1	176.83	176.66	176.95	176.39	176.79	177.20	176.40	176.18	176.24	176.93	176.03	175.84	175.90	175.98	176.32	176.03
TM1		℃	0	1	1,051.86	1,078.79	1,054.78	1,025.70	1,093.27	1,063.32	1,060.99	1,016.64	1,117.07	1,075.42	1,060.82	1,009.27	1,021.39	1,023.26	1,069.68	985.43
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-20 08:00	07-20 08:30	07-20 09:00	07-20 09:30	07-20 10:00	07-20 10:30	07-20 11:00	07-20 11:30	07-20 12:00	07-20 12:30	07-20 13:00	07-20 13:30	07-20 14:00	07-20 14:30	07-20 15:00	07-20 15:30
TSP	20	mg/Sm³	12	1	0.63	0.48	0.47	0.48	0.47	0.45	0.45	0.45	0.60	0.45	0.46	0.42	0.46	0.45	0.45	0.47
SOx	30	ppm	12	1	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	24.76	17.39	17.86	16.76	17.91	18.81	17.19	14.79	10.46	14.43	13.02	9.30	14.81	19.96	18.71	15.48
HCl	15	ppm	12	1	2.91	4.41	3.20	2.41	2.68	2.73	2.42	2.31	3.07	1.78	2.79	2.19	2.86	2.74	3.18	3.92
CO	50	ppm	12	1	0.35	0.18	0.17	0.17	0.17	0.12	0.13	0.18	0.41	0.33	0.47	9.08	0.30	0.23	0.23	0.32
O_2		%	0	0.1	8.70	6.01	6.12	6.78	6.68	6.00	6.54	6.62	10.19	6.62	6.64	4.97	6.53	6.29	6.55	7.08
FL1		Sm³	12	10	13,584	15,748	14,858	14,017	14,286	14,909	14,301	14,316	11,159	14,478	14,389	16,264	14,466	14,699	14,366	13,348
TMP		℃	0	1	176.84	179.43	177.84	176.32	175.86	176.93	176.48	176.76	176.78	177.03	177.20	177.28	177.49	177.29	177.10	176.60
TM1		℃	0	1	1,035.91	1,066.94	1,073.93	1,053.79	1,055.45	1,069.63	1,056.44	1,036.73	997.31	1,009.35	1,026.48	1,053.51	1,039.79	1,044.81	1,043.80	1,056.93
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-20 16:00	07-20 16:30	07-20 17:00	07-20 17:30	07-20 18:00	07-20 18:30	07-20 19:00	07-20 19:30	07-20 20:00	07-20 20:30	07-20 21:00	07-20 21:30	07-20 22:00	07-20 22:30	07-20 23:00	07-20 23:30
TSP	20	mg/Sm³	12	1	0.60	0.44	0.44	0.43	0.45	0.49	0.45	0.47	0.59	0.51	0.46	0.49	0.45	0.45	0.46	0.47
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.24	0.05	0.07
NOx	70	ppm	12	1	17.38	18.47	18.78	21.00	20.81	19.04	17.88	20.03	29.99	15.00	19.48	15.49	19.04	21.60	25.73	24.90
HCl	15	ppm	12	1	4.20	3.03	3.84	3.42	4.29	3.88	3.63	3.64	5.88	4.74	3.10	4.58	2.92	3.43	3.72	3.97
CO	50	ppm	12	1	0.65	0.30	0.21	0.19	0.26	0.40	0.22	0.29	0.21	0.31	0.28	0.40	0.34	0.16	0.12	0.18
O_2		%	0	0.1	10.73	7.01	6.73	6.55	6.52	7.40	6.19	6.76	8.27	7.73	6.43	7.04	6.65	6.16	6.00	6.57
FL1		Sm³	12	10	10,333	13,979	13,931	14,339	14,491	13,640	14,778	14,300	12,345	13,150	15,065	14,060	14,247	15,040	15,116	14,496
TMP		℃	0	1	175.93	176.51	176.66	176.43	176.80	176.57	176.70	176.67	176.78	177.08	176.13	177.07	176.23	175.78	177.16	177.04
TM1		℃	0	1	1,017.17	1,029.60	1,048.24	1,050.75	1,065.73	1,011.01	1,063.25	1,032.71	1,102.19	1,045.67	1,029.86	1,040.77	1,028.24	1,078.43	1,099.25	1,115.81
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13