7월 6일 굴뚝별 트랜드

					07-06 00:00	07-06 00:30	07-06 01:00	07-06 01:30	07-06 02:00	07-06 02:30	07-06 03:00	07-06 03:30	07-06 04:00	07-06 04:30	07-06 05:00	07-06 05:30	07-06 06:00	07-06 06:30	07-06 07:00	07-06 07:30
TSP	20	mg/Sm³	12	1	0.71	0.54	0.55	0.57	0.51	0.63	0.73	0.76	0.69	0.50	0.50	0.48	0.54	0.54	0.53	0.56
SOx	30	ppm	12	1	0.00	0.00	0.03	0.00	1.10	0.00	0.12	0.00	0.36	2.16	3.44	5.61	0.11	0.00	0.00	0.00
NOx	70	ppm	12	1	22.89	18.31	18.69	20.19	16.86	21.38	27.80	29.98	27.17	16.05	12.07	17.23	15.40	12.55	19.84	10.60
HCl	15	ppm	12	1	11.73	6.63	6.51	6.54	6.96	5.66	9.79	5.91	3.93	8.62	6.61	5.17	3.81	2.31	2.15	2.67
CO	50	ppm	12	1	0.75	0.42	0.41	0.64	2.43	1.01	2.71	4.88	2.44	0.22	0.52	12.41	0.23	0.28	0.26	0.47
O_2		%	0	0.1	10.09	6.97	6.88	7.41	5.75	8.76	10.28	10.83	9.65	5.95	5.73	4.83	6.49	7.00	6.38	7.24
FL1		Sm³	12	10	11,705	15,000	15,062	14,557	15,499	12,507	12,605	11,268	14,077	16,406	15,557	16,119	13,860	13,264	14,226	13,690
TMP		℃	0	1	176.85	178.35	179.38	179.85	179.93	178.30	178.19	177.81	174.79	177.45	180.71	179.29	178.30	176.46	176.10	177.90
TM1		℃	0	1	960.00	982.26	1,007.45	983.19	1,052.16	942.53	846.59	839.16	928.77	1,053.68	1,083.88	1,112.72	1,055.90	1,030.51	1,054.99	1,011.74
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-06 08:00	07-06 08:30	07-06 09:00	07-06 09:30	07-06 10:00	07-06 10:30	07-06 11:00	07-06 11:30	07-06 12:00	07-06 12:30	07-06 13:00	07-06 13:30	07-06 14:00	07-06 14:30	07-06 15:00	07-06 15:30
TSP	20	mg/Sm³	12	1	0.66	0.48	0.50	0.48	0.50	0.52	0.51	0.54	0.71	0.56	0.52	0.50	0.52	0.52	0.51	0.50
SOx	30	ppm	12	1	0.00	1.75	0.01	0.92	0.24	0.00	0.12	0.06	0.00	0.00	0.42	1.74	0.91	0.07	1.48	1.08
NOx	70	ppm	12	1	14.99	12.17	11.47	16.54	19.03	17.32	22.06	19.72	29.29	16.86	16.55	19.46	16.83	16.57	14.70	16.02
HCl	15	ppm	12	1	3.19	2.89	3.10	2.75	2.83	3.65	4.16	3.40	3.62	2.45	3.84	4.90	5.81	6.15	7.11	7.49
CO	50	ppm	12	1	1.24	31.61	0.38	0.65	0.14	0.14	0.12	0.18	0.35	0.34	1.44	9.42	0.51	0.57	8.14	2.94
O_2		%	0	0.1	9.22	4.90	6.05	5.37	6.04	6.56	6.51	6.60	9.16	6.82	5.69	5.39	5.62	5.73	5.48	5.18
FL1		Sm³	12	10	12,357	16,781	15,284	15,887	15,049	14,407	14,424	14,570	11,962	14,709	15,888	16,113	15,977	16,090	16,303	16,732
TMP		℃	0	1	178.54	179.33	179.35	179.36	179.27	178.85	178.02	178.36	178.82	179.35	179.45	178.94	179.37	180.40	180.91	181.28
TM1		℃	0	1	982.22	1,080.92	1,059.80	1,108.51	1,105.49	1,084.16	1,086.09	1,077.39	1,063.09	1,026.37	1,072.35	1,085.43	1,097.45	1,067.07	1,082.55	1,080.65
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-06 16:00	07-06 16:30	07-06 17:00	07-06 17:30	07-06 18:00	07-06 18:30	07-06 19:00	07-06 19:30	07-06 20:00	07-06 20:30	07-06 21:00	07-06 21:30	07-06 22:00	07-06 22:30	07-06 23:00	07-06 23:30
TSP	20	mg/Sm³	12	1	0.70	0.55	0.53	0.57	0.53	0.58	0.54	0.54	0.71	0.56	0.54	0.59	0.58	0.56	0.54	0.56
SOx	30	ppm	12	1	1.02	0.00	0.00	0.01	0.83	0.00	0.51	0.08	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	21.79	15.02	17.41	15.84	19.32	15.78	17.06	19.30	17.80	19.61	19.42	17.39	14.78	13.14	16.72	17.40
HCl	15	ppm	12	1	8.61	5.07	2.94	2.70	4.20	4.24	3.73	3.77	3.84	2.27	3.92	6.06	4.47	4.03	3.30	3.68
CO	50	ppm	12	1	3.36	0.48	2.04	1.04	0.39	0.35	0.22	0.17	0.33	0.25	0.23	0.31	0.28	0.25	0.18	0.18
O_2		%	0	0.1	8.21	6.51	5.81	6.97	5.84	7.57	6.48	6.10	9.95	7.00	5.98	7.59	7.73	7.63	7.02	6.83
FL1		Sm³	12	10	12,656	14,988	15,908	14,614	16,210	14,102	15,396	15,869	11,778	14,763	16,112	14,007	13,607	13,729	14,533	14,993
TMP		℃	0	1	181.61	181.36	180.80	179.78	180.08	180.51	179.47	180.27	179.65	179.38	179.89	180.30	178.79	178.73	178.76	179.44
TM1		℃	0	1	1,083.33	1,046.05	1,062.23	1,007.77	1,076.61	1,006.97	1,051.20	1,067.39	998.47	1,032.81	1,071.50	1,007.99	1,002.51	1,010.88	1,033.56	1,039.25
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

7월 7일 굴뚝별 트랜드

					07-07 00:00	07-07 00:30	07-07 01:00	07-07 01:30	07-07 02:00	07-07 02:30	07-07 03:00	07-07 03:30	07-07 04:00	07-07 04:30	07-07 05:00	07-07 05:30	07-07 06:00	07-07 06:30	07-07 07:00	07-07 07:30
TSP	20	mg/S m³	12	1	0.73	0.56	0.59	0.53	0.58	0.56	0.56	0.57	0.69	0.57	0.54	0.55	0.58	0.52	0.53	0.59
SOx	30	ppm	12	1	0.00	0.22	0.00	0.22	1.06	0.00	0.05	0.00	1.92	0.00	0.00	0.00	0.00	0.00	0.77	0.08
NOx	70	ppm	12	1	26.89	17.68	13.53	21.14	20.79	21.96	17.00	17.66	26.94	21.67	18.95	19.76	14.95	19.83	21.44	20.44
HCl	15	ppm	12	1	5.02	5.80	4.16	3.57	5.65	3.01	3.23	3.49	4.99	5.66	3.47	4.81	4.47	2.91	5.97	5.04
CO	50	ppm	12	1	0.22	0.21	0.34	0.14	0.34	0.47	0.33	0.23	0.63	0.22	0.26	0.19	0.39	0.16	0.18	0.35
O_2		%	0	0.1	9.28	6.82	7.51	6.34	7.00	7.04	6.72	6.79	7.83	6.70	6.23	6.74	7.65	6.51	6.18	6.98
FL1		Sm³	12	10	12,227	14,925	14,042	15,564	14,611	14,595	15,263	15,143	13,760	15,199	15,773	14,933	13,895	15,202	15,881	15,211
TMP		℃	0	1	179.79	179.78	179.43	179.27	179.96	179.42	179.78	180.22	180.84	181.64	181.54	181.22	180.78	180.28	181.03	181.77
TM1		℃	0	1	1,044.98	1,037.01	997.95	1,068.37	1,058.77	1,033.67	1,040.08	1,035.79	1,084.55	1,064.09	1,060.21	1,050.05	1,012.79	1,050.78	1,090.25	1,021.47
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-07 08:00	07-07 08:30	07-07 09:00	07-07 09:30	07-07 10:00	07-07 10:30	07-07 11:00	07-07 11:30	07-07 12:00	07-07 12:30	07-07 13:00	07-07 13:30	07-07 14:00	07-07 14:30	07-07 15:00	07-07 15:30
TSP	20	mg/S m³	12	1	0.71	0.56	0.58	0.57	0.52	0.50	0.56	0.54	0.71	0.59	0.57	0.50	0.59	0.51	0.58	0.59
SOx	30	ppm	12	1	0.16	0.00	0.00	0.00	0.24	1.37	0.00	2.53	4.55	0.00	0.73	2.98	0.02	1.09	0.00	0.18
NOx	70	ppm	12	1	21.42	21.00	22.80	20.56	26.29	25.43	22.73	31.33	44.75	25.84	23.29	30.21	20.90	33.11	29.07	26.19
HCl	15	ppm	12	1	6.07	3.37	3.02	2.57	1.43	3.76	5.17	9.15	13.23	6.83	7.99	3.69	4.81	3.18	5.10	4.22
CO	50	ppm	12	1	0.45	0.37	0.43	0.39	0.43	0.19	0.28	0.26	0.39	0.64	0.56	0.59	0.38	0.19	0.30	0.46
O_2		%	0	0.1	9.22	6.82	7.52	7.07	5.92	5.18	6.65	6.20	9.60	7.92	7.25	5.41	7.61	5.35	7.21	7.49
FL1		Sm³	12	10	12,608	14,727	13,879	14,200	15,980	16,859	15,184	15,738	11,783	13,472	14,497	16,655	13,917	16,577	14,320	13,798
TMP		℃	0	1	181.52	179.47	179.03	178.88	178.71	180.30	180.61	180.33	179.98	178.90	178.39	179.34	179.51	179.58	180.15	179.06
TM1		℃	0	1	1,034.43	1,029.31	1,025.82	1,041.69	1,063.80	1,120.39	1,064.79	1,067.47	1,072.16	1,031.58	1,020.13	1,080.11	1,035.04	1,110.03	1,070.97	1,033.67
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-07 16:00	07-07 16:30	07-07 17:00	07-07 17:30	07-07 18:00	07-07 18:30	07-07 19:00	07-07 19:30	07-07 20:00	07-07 20:30	07-07 21:00	07-07 21:30	07-07 22:00	07-07 22:30	07-07 23:00	07-07 23:30
TSP	20	mg/S m³	12	1	0.72	0.54	0.55	0.58	0.51	0.51	0.57	0.51	0.70	0.53	0.49	0.56	0.53	0.51	0.52	0.52
SOx	30	ppm	12	1	0.00	0.11	0.16	0.63	1.03	0.52	0.00	0.00	0.26	0.00	0.36	0.47	0.00	0.19	0.19	0.00
NOx	70	ppm	12	1	20.18	23.18	24.02	19.56	20.32	21.58	18.51	21.43	35.01	19.27	20.22	18.58	18.34	20.70	21.23	20.92
HCl	15	ppm	12	1	5.80	3.75	4.88	6.08	6.34	3.23	2.93	2.54	3.63	1.70	1.24	5.23	2.53	2.27	2.52	3.16
CO	50	ppm	12	1	0.73	0.37	0.32	0.48	2.02	9.49	0.51	0.34	0.32	0.66	2.60	0.79	0.46	7.33	0.34	0.26
O_2		%	0	0.1	9.74	6.46	6.58	7.26	5.69	5.63	7.22	5.81	8.08	6.18	4.85	6.84	6.41	5.68	5.92	5.79
FL1		Sm³	12	10	11,462	15,546	15,387	14,525	14,975	15,025	13,399	14,949	11,853	14,563	16,096	13,984	14,192	15,260	14,847	14,997
TMP		℃	0	1	177.62	177.97	180.27	180.13	179.14	178.16	177.59	176.81	177.49	177.04	177.37	177.18	176.27	176.55	177.28	176.78
TM1		℃	0	1	1,007.99	1,047.61	1,032.52	1,007.18	1,069.53	1,079.49	1,030.93	1,070.40	1,102.82	1,052.32	1,112.06	1,048.26	1,056.75	1,087.98	1,078.49	1,080.65
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

7월 8일 굴뚝별 트랜드

					07-08 00:00	07-08 00:30	07-08 01:00	07-08 01:30	07-08 02:00	07-08 02:30	07-08 03:00	07-08 03:30	07-08 04:00	07-08 04:30	07-08 05:00	07-08 05:30	07-08 06:00	07-08 06:30	07-08 07:00	07-08 07:30
TSP	20	mg/Sm³	12	1	0.70	0.51	0.54	0.54	0.54	0.53	0.51	0.52	0.72	0.51	0.54	0.52	0.52	0.52	0.51	0.55
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.02
NOx	70	ppm	12	1	21.31	24.36	22.95	24.33	19.71	14.02	14.11	19.99	25.42	17.68	17.01	13.70	14.54	16.23	20.12	16.67
HCl	15	ppm	12	1	3.22	1.95	2.22	1.87	1.62	1.23	0.49	0.43	0.21	0.16	0.22	0.38	0.61	0.77	0.93	1.41
CO	50	ppm	12	1	0.45	0.22	0.22	0.24	2.40	0.81	7.69	1.35	2.03	21.65	0.94	5.57	2.60	1.54	1.09	11.27
O_2		%	0	0.1	8.14	5.16	5.91	5.90	6.13	6.54	5.70	5.38	8.53	5.52	5.87	5.69	5.52	5.47	5.68	6.40
FL1		Sm³	12	10	12,088	15,858	14,859	14,798	14,724	14,021	15,125	15,569	12,038	15,359	15,214	15,504	15,649	15,500	15,211	14,209
TMP		℃	0	1	177.17	177.59	177.52	177.03	176.81	176.22	175.52	176.19	176.05	175.86	176.03	176.10	176.10	176.20	175.88	175.75
TM1		℃	0	1	1,087.83	1,105.13	1,080.34	1,092.48	1,069.83	1,046.40	1,072.29	1,093.31	1,068.88	1,097.52	1,073.53	1,059.31	1,075.67	1,087.25	1,089.63	1,073.07
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-08 08:00	07-08 08:30	07-08 09:00	07-08 09:30	07-08 10:00	07-08 10:30	07-08 11:00	07-08 11:30	07-08 12:00	07-08 12:30	07-08 13:00	07-08 13:30	07-08 14:00	07-08 14:30	07-08 15:00	07-08 15:30
TSP	20	mg/Sm³	12	1	0.71	0.50	0.57	0.54	0.49	0.52	0.53	0.53	0.70	0.53	0.56	0.56	0.52	0.53	0.49	0.52
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	20.43	18.63	11.61	11.84	15.88	13.99	13.75	16.18	25.36	18.61	14.67	15.69	14.89	15.01	18.10	14.62
HCl	15	ppm	12	1	1.52	1.21	1.65	1.33	1.19	2.17	1.71	1.77	2.83	1.80	2.43	3.80	2.88	2.69	3.05	3.54
CO	50	ppm	12	1	0.53	1.14	0.99	1.13	2.30	0.50	0.50	0.61	3.75	0.23	0.64	0.18	0.43	0.42	0.47	0.28
O_2		%	0	0.1	8.94	5.05	7.02	6.38	4.98	5.80	6.34	6.04	9.14	6.18	6.32	6.48	6.16	6.23	5.44	6.06
FL1		Sm³	12	10	11,679	16,004	13,810	14,511	16,249	14,962	14,434	14,792	11,187	14,482	14,485	14,273	14,544	14,562	15,503	14,712
TMP		℃	0	1	175.35	176.02	176.03	174.94	174.70	175.75	175.70	175.34	175.85	175.28	175.34	176.63	175.95	176.13	176.23	176.46
TM1		℃	0	1	1,038.50	1,100.95	1,033.41	1,028.85	1,065.71	1,072.81	1,038.90	1,053.38	1,069.41	1,060.19	1,067.19	1,049.18	1,052.73	1,045.29	1,078.60	1,065.73
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-08 16:00	07-08 16:30	07-08 17:00	07-08 17:30	07-08 18:00	07-08 18:30	07-08 19:00	07-08 19:30	07-08 20:00	07-08 20:30	07-08 21:00	07-08 21:30	07-08 22:00	07-08 22:30	07-08 23:00	07-08 23:30
TSP	20	mg/Sm³	12	1	0.68	0.49	0.51	0.51	0.52	0.52	0.51	0.52	0.71	0.52	0.56	0.52	0.54	0.52	0.53	0.53
SOx	30	ppm	12	1	0.13	0.33	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	20.85	18.06	19.99	17.63	16.67	17.71	20.40	20.81	31.71	23.66	16.39	15.67	19.42	16.19	19.77	17.80
HCl	15	ppm	12	1	4.98	4.68	4.37	3.81	3.53	3.31	3.20	3.05	4.85	3.60	4.15	3.09	3.08	2.76	2.52	2.83
CO	50	ppm	12	1	3.66	3.13	18.22	0.33	0.38	1.25	0.35	0.51	0.26	0.36	0.54	3.32	0.33	1.44	0.26	0.69
O_2		%	0	0.1	7.54	5.50	5.49	5.87	6.24	6.02	5.79	5.63	8.96	5.73	6.90	5.96	6.21	5.87	6.28	6.13
FL1		Sm³	12	10	12,310	15,294	15,316	14,947	14,721	14,819	15,241	15,380	11,319	15,211	13,916	15,134	15,092	15,098	14,646	14,626
TMP		℃	0	1	176.61	176.74	176.77	176.23	176.10	176.03	175.92	176.37	176.12	176.44	176.10	175.37	176.55	175.98	175.78	175.68
TM1		℃	0	1	1,113.43	1,091.25	1,098.35	1,090.17	1,066.47	1,080.66	1,080.94	1,093.71	1,096.01	1,097.04	1,048.09	1,076.77	1,060.35	1,069.61	1,060.37	1,061.53
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17