4월 1일 굴뚝별 트랜드

					04-01 00:00	04-01 00:30	04-01 01:00	04-01 01:30	04-01 02:00	04-01 02:30	04-01 03:00	04-01 03:30	04-01 04:00	04-01 04:30	04-01 05:00	04-01 05:30	04-01 06:00	04-01 06:30	04-01 07:00	04-01 07:30
TSP	20	mg/Sm³	12	1	0.54	0.45	0.48	0.45	0.42	0.42	0.44	0.41	0.56	0.43	0.49	0.50	0.45	0.43	0.43	0.46
SOx	30	ppm	12	1	0.00	0.05	0.00	0.00	0.00	0.44	1.48	0.52	0.00	0.00	0.08	0.00	0.00	0.34	0.49	0.00
NOx	70	ppm	12	1	17.50	17.47	24.95	25.44	20.90	19.25	16.57	20.73	22.80	17.72	20.29	22.36	16.74	16.92	17.11	19.80
HCl	15	ppm	12	1	1.25	2.09	2.78	2.68	2.82	3.04	3.25	3.85	4.86	2.65	3.20	4.12	3.64	5.81	6.61	3.77
CO	50	ppm	12	1	1.03	1.25	1.07	0.94	0.82	13.39	37.81	2.82	6.54	15.02	17.39	2.31	9.00	2.20	27.99	19.53
O_2		%	0	0.1	9.81	7.35	8.24	7.15	6.23	6.27	6.64	5.80	9.35	6.77	8.04	8.32	7.20	6.35	6.32	7.53
FL1		Sm³	12	10	10,728	12,768	12,223	13,780	14,015	14,013	13,387	14,975	11,272	13,692	12,507	12,234	13,255	14,132	14,218	12,696
TMP		℃	0	1	177.06	176.99	176.93	177.76	178.11	178.29	177.96	177.91	178.45	178.51	178.36	178.34	178.52	178.71	178.52	177.76
TM1		℃	0	1	1,010.72	1,012.24	981.79	1,008.31	1,039.09	1,048.23	1,028.70	1,056.89	1,033.65	1,015.35	943.41	929.93	969.51	1,015.69	1,027.89	986.75
TM3		℃	0	1	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.84	35.84	35.84	35.85	35.86	35.86

					04-01 08:00	04-01 08:30	04-01 09:00	04-01 09:30	04-01 10:00	04-01 10:30	04-01 11:00	04-01 11:30	04-01 12:00	04-01 12:30	04-01 13:00	04-01 13:30	04-01 14:00	04-01 14:30	04-01 15:00	04-01 15:30
TSP	20	mg/Sm³	12	1	0.58	0.48	0.44	0.45	0.46	0.42	0.41	0.40	0.52	0.42	0.39	0.37	0.38	0.40	0.38	0.39
SOx	30	ppm	12	1	0.39	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.37	0.02	0.12	0.00	0.00	1.03	0.10
NOx	70	ppm	12	1	21.67	16.73	18.57	16.18	17.36	17.56	16.72	17.71	24.54	17.78	17.80	14.02	18.15	18.48	16.84	15.63
HCl	15	ppm	12	1	3.71	1.93	1.22	4.01	4.23	3.19	2.30	1.78	2.02	2.15	2.54	2.19	2.29	3.34	4.21	7.77
CO	50	ppm	12	1	27.46	1.07	1.18	1.90	1.14	1.03	1.56	19.43	7.54	19.41	21.10	30.53	2.71	1.39	2.56	1.60
O_2		%	0	0.1	9.92	8.31	6.99	7.66	8.33	7.28	6.81	6.68	9.69	7.17	6.23	6.02	6.28	7.14	6.36	6.97
FL1		Sm³	12	10	9,832	11,454	12,793	12,047	11,470	12,400	13,030	12,901	10,332	12,424	13,693	13,808	13,555	12,789	13,522	13,003
TMP		℃	0	1	176.83	176.21	175.96	176.19	176.47	176.54	177.06	177.26	177.33	177.34	177.71	178.15	178.51	178.74	178.68	178.37
TM1		℃	0	1	995.30	973.97	1,020.45	1,000.61	956.10	986.07	1,017.63	1,035.22	1,034.25	1,012.99	1,009.41	1,030.57	1,004.25	972.89	995.45	966.69
TM3		℃	0	1	35.85	35.85	35.84	35.83	35.83	35.83	35.83	35.84	35.84	35.86	35.85	35.86	35.85	35.86	35.86	35.86

					04-01 16:00	04-01 16:30	04-01 17:00	04-01 17:30	04-01 18:00	04-01 18:30	04-01 19:00	04-01 19:30	04-01 20:00	04-01 20:30	04-01 21:00	04-01 21:30	04-01 22:00	04-01 22:30	04-01 23:00	04-01 23:30
TSP	20	mg/Sm³	12	1	0.53	0.40	0.41	0.42	0.40	0.47	0.51	0.45	0.54	0.42	0.51	0.45	0.43	0.44	0.52	0.46
SOx	30	ppm	12	1	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.47	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	22.43	17.15	18.74	17.32	19.19	17.49	20.16	14.82	21.99	14.72	20.52	16.99	18.85	18.79	20.49	18.83
HCl	15	ppm	12	1	9.34	4.72	4.31	4.51	4.78	6.75	5.52	5.81	8.08	9.14	7.74	5.06	3.88	4.93	5.24	2.78
CO	50	ppm	12	1	4.88	2.39	1.78	1.00	1.59	0.92	1.94	3.70	8.36	51.80	20.48	11.44	1.72	1.32	1.60	8.75
O_2		%	0	0.1	9.23	6.53	6.83	6.91	5.65	7.59	8.53	7.16	8.60	5.42	8.28	7.12	6.73	6.71	9.32	7.43
FL1		Sm³	12	10	11,084	14,611	14,274	14,183	15,729	13,503	12,865	14,278	12,823	16,325	13,145	14,044	14,428	14,517	11,386	13,566
TMP		℃	0	1	179.42	181.06	182.00	182.61	183.39	183.90	183.85	184.27	184.62	185.67	184.96	183.81	182.83	182.81	181.49	180.45
TM1		℃	0	1	997.25	993.67	981.40	992.99	1,057.10	983.82	914.58	940.48	1,000.49	1,026.62	927.51	966.49	997.58	993.95	880.97	956.25
TM3		℃	0	1	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86

4월 2일 굴뚝별 트랜드

					04-02 00:00	04-02 00:30	04-02 01:00	04-02 01:30	04-02 02:00	04-02 02:30	04-02 03:00	04-02 03:30	04-02 04:00	04-02 04:30	04-02 05:00	04-02 05:30	04-02 06:00	04-02 06:30	04-02 07:00	04-02 07:30
TSP	20	mg/Sm³	12	1	0.56	0.49	0.46	0.44	0.40	0.45	0.51	0.49	0.59	0.40	0.41	0.46	0.42	0.42	0.42	0.43
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.24	0.00	0.16	0.00	0.00	0.69	1.75	0.00	0.52	0.00	0.00	1.04
NOx	70	ppm	12	1	24.11	17.81	17.35	18.74	18.77	24.51	22.68	21.94	21.78	17.01	17.85	17.79	19.45	15.68	20.80	18.72
HCl	15	ppm	12	1	3.70	3.69	3.52	3.46	5.22	4.72	8.55	4.80	4.52	3.83	7.94	7.63	3.83	5.87	4.81	6.14
CO	50	ppm	12	1	4.28	1.18	0.85	0.87	1.60	0.95	1.64	1.65	2.30	17.24	38.28	12.29	47.76	23.79	0.84	1.08
O_2		%	0	0.1	9.45	8.30	7.27	6.72	5.66	7.02	8.65	8.21	10.40	5.32	5.01	7.08	5.34	5.98	6.47	6.43
FL1		Sm³	12	10	12,229	12,922	14,075	14,848	15,176	14,629	12,603	13,135	11,337	16,593	16,911	14,140	16,190	14,764	14,261	14,281
TMP		℃	0	1	181.48	181.94	181.54	181.72	182.02	181.95	181.73	181.25	181.24	181.80	182.88	182.64	182.55	181.93	181.01	180.11
TM1		℃	0	1	978.02	942.81	981.80	1,009.19	1,059.22	1,016.55	922.71	933.57	950.02	1,049.67	1,055.19	969.25	1,052.93	1,021.06	1,037.43	1,038.77
TM3		℃	0	1	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.85	35.84	35.85

					04-02 08:00	04-02 08:30	04-02 09:00	04-02 09:30	04-02 10:00	04-02 10:30	04-02 11:00	04-02 11:30	04-02 12:00	04-02 12:30	04-02 13:00	04-02 13:30	04-02 14:00	04-02 14:30	04-02 15:00	04-02 15:30
TSP	20	mg/Sm³	12	1	0.54	0.41	0.42	0.45	0.40	0.39	0.39	0.39	0.52	0.39	0.37	0.36	0.36	0.39	0.36	0.43
SOx	30	ppm	12	1	0.11	0.18	0.00	0.00	0.00	0.00	0.00	0.90	0.40	0.00	0.24	0.42	0.29	1.35	0.42	0.00
NOx	70	ppm	12	1	19.39	19.29	17.32	17.67	17.70	17.38	15.91	14.91	20.51	11.72	15.00	17.07	18.47	18.02	18.26	17.01
HCl	15	ppm	12	1	5.63	4.80	5.46	5.00	3.95	4.77	6.36	7.11	7.18	5.47	5.66	6.42	8.07	7.85	5.93	6.84
CO	50	ppm	12	1	11.71	24.26	13.10	1.19	29.50	31.69	1.82	51.36	31.73	1.69	23.60	23.24	3.96	31.60	44.37	5.84
O_2		%	0	0.1	8.96	5.76	5.86	7.49	5.64	5.51	6.09	5.70	7.95	6.16	5.23	5.21	5.46	5.88	5.33	7.39
FL1		Sm³	12	10	12,100	15,435	15,400	13,438	15,534	15,658	14,737	14,974	12,543	14,869	16,123	15,855	15,459	15,306	15,861	13,940
TMP		℃	0	1	179.89	180.54	181.79	181.83	181.32	182.10	182.56	182.41	182.34	182.28	182.74	183.06	183.01	183.02	182.77	182.76
TM1		℃	0	1	1,032.13	1,046.83	1,040.89	957.62	1,019.82	1,036.01	1,027.01	1,034.17	1,061.08	1,016.47	1,062.96	1,076.03	1,082.48	1,056.45	1,074.34	988.43
TM3		℃	0	1	35.86	35.86	35.86	35.86	35.86	35.86	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.85	35.83

					04-02 16:00	04-02 16:30	04-02 17:00	04-02 17:30	04-02 18:00	04-02 18:30	04-02 19:00	04-02 19:30	04-02 20:00	04-02 20:30	04-02 21:00	04-02 21:30	04-02 22:00	04-02 22:30	04-02 23:00	04-02 23:30
TSP	20	mg/Sm³	12	1	0.51	0.42	0.39	0.40	0.41	0.41	0.44	0.42	0.58	0.41	0.39	0.42	0.42	0.49	0.46	0.43
SOx	30	ppm	12	1	0.11	0.00	0.07	0.74	0.00	0.00	0.00	1.47	0.00	0.00	0.00	0.29	0.01	0.00	0.00	0.00
NOx	70	ppm	12	1	22.04	17.20	18.45	14.94	19.11	16.74	16.59	19.19	23.34	17.75	20.03	19.58	21.14	18.35	21.61	17.24
HCl	15	ppm	12	1	6.11	5.20	5.06	6.07	4.59	4.72	5.23	6.09	6.21	3.82	4.29	5.32	4.90	5.41	4.23	5.07
CO	50	ppm	12	1	27.47	1.70	23.82	49.99	28.18	1.88	1.28	15.89	1.20	0.67	0.58	9.57	0.93	1.31	0.89	0.82
O_2		%	0	0.1	8.33	7.36	6.20	5.70	6.97	6.47	7.64	6.58	10.43	6.70	5.66	6.40	5.96	8.32	7.84	7.13
FL1		Sm³	12	10	13,201	13,861	15,264	15,762	13,953	14,704	13,325	14,943	10,938	14,495	15,868	15,027	15,492	13,000	13,379	14,089
TMP		℃	0	1	182.90	182.85	182.94	183.65	182.46	181.78	181.47	180.54	182.03	182.31	182.86	183.31	183.45	183.29	182.68	181.88
TM1		℃	0	1	1,037.43	983.25	1,032.00	1,040.65	998.46	1,013.49	954.11	1,008.01	969.65	1,028.47	1,077.25	1,045.21	1,068.18	963.29	991.15	1,002.67
TM3		℃	0	1	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83

4월 3일 굴뚝별 트랜드

					04-03 00:00	04-03 00:30	04-03 01:00	04-03 01:30	04-03 02:00	04-03 02:30	04-03 03:00	04-03 03:30	04-03 04:00	04-03 04:30	04-03 05:00	04-03 05:30	04-03 06:00	04-03 06:30	04-03 07:00	04-03 07:30
TSP	20	mg/Sm³	12	1	0.55	0.44	0.46	0.43	0.45	0.45	0.44	0.46	0.58	0.48	0.43	0.46	0.50	0.46	0.51	0.44
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	26.12	17.14	17.08	19.30	19.24	15.67	20.06	18.76	25.15	17.27	20.64	18.36	17.92	19.85	21.50	18.47
HCl	15	ppm	12	1	5.92	4.26	3.70	2.92	3.91	5.17	4.02	5.90	6.73	8.94	4.58	4.88	3.16	2.16	2.71	1.95
CO	50	ppm	12	1	0.83	0.63	0.82	0.72	0.87	0.88	7.76	0.97	0.89	1.04	0.56	0.61	0.87	0.67	1.29	0.70
O_2		%	0	0.1	9.82	7.49	7.94	6.83	7.31	7.50	6.57	7.20	10.09	7.81	6.58	7.60	8.47	7.40	8.76	6.90
FL1		Sm³	12	10	11,577	13,496	13,078	14,649	14,330	13,739	15,199	14,220	11,556	13,637	14,680	13,333	12,401	13,442	12,031	14,057
TMP		℃	0	1	181.96	181.95	181.77	182.07	182.95	183.08	182.95	183.26	183.08	182.54	181.89	181.72	181.16	180.62	180.42	179.75
TM1		℃	0	1	1,013.97	1,013.33	997.95	1,020.38	998.27	985.31	1,023.55	996.76	1,005.54	969.84	1,030.47	1,008.53	970.07	1,008.77	941.69	1,025.37
TM3		℃	0	1	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83

					04-03 08:00	04-03 08:30	04-03 09:00	04-03 09:30	04-03 10:00	04-03 10:30	04-03 11:00	04-03 11:30	04-03 12:00	04-03 12:30	04-03 13:00	04-03 13:30	04-03 14:00	04-03 14:30	04-03 15:00	04-03 15:30
TSP	20	mg/Sm³	12	1	0.55	0.42	0.45	0.42	0.43	0.42	0.43	0.40	0.51	0.39	0.41	0.42	0.41	0.41	0.39	0.41
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.92	5.18	0.01	0.00	0.36	1.53	0.00	1.22
NOx	70	ppm	12	1	23.82	21.33	20.73	21.90	21.30	20.75	18.74	19.34	30.93	22.67	20.70	19.47	21.98	23.08	21.87	21.23
HCl	15	ppm	12	1	2.58	2.06	3.14	3.52	4.58	4.22	5.33	5.08	6.72	11.46	10.11	5.99	6.33	10.34	9.02	13.64
CO	50	ppm	12	1	1.05	0.60	0.68	0.54	0.58	0.63	0.99	17.03	0.63	1.30	0.62	0.68	0.79	3.10	0.64	3.45
O_2		%	0	0.1	10.28	6.64	7.22	6.52	7.04	7.04	7.93	6.26	8.74	6.17	6.44	6.90	7.04	6.93	6.19	7.38
FL1		Sm³	12	10	11,286	14,508	13,902	14,644	13,833	13,825	12,882	14,998	11,868	14,723	14,780	14,146	13,690	14,010	14,917	13,097
TMP		℃	0	1	180.14	181.18	182.28	183.09	183.08	183.23	182.06	182.55	182.57	182.82	183.11	183.28	182.62	182.68	183.58	183.22
TM1		℃	0	1	985.26	1,028.72	1,006.87	1,034.08	1,028.46	1,021.67	976.28	1,038.09	1,070.45	1,061.93	1,031.75	1,012.51	1,032.75	1,025.09	1,037.40	1,020.01
TM3		℃	0	1	35.83	35.83	35.83	35.84	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.84	35.84	35.84	35.85	35.85

					04-03 16:00	04-03 16:30	04-03 17:00	04-03 17:30	04-03 18:00	04-03 18:30	04-03 19:00	04-03 19:30	04-03 20:00	04-03 20:30	04-03 21:00	04-03 21:30	04-03 22:00	04-03 22:30	04-03 23:00	04-03 23:30
TSP	20	mg/Sm³	12	1	0.48	0.38	0.40	0.37	0.39	0.38	0.37	0.38	0.49	0.36	0.40	0.37	0.38	0.40	0.39	0.40
SOx	30	ppm	12	1	3.33	0.57	1.82	1.43	0.00	0.00	6.74	0.00	0.00	0.60	1.02	8.32	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	22.56	17.86	18.79	19.59	23.69	23.79	16.82	18.80	22.15	18.86	18.15	18.35	20.29	18.49	19.75	18.80
HCl	15	ppm	12	1	15.53	11.31	9.70	6.65	5.39	5.50	7.86	7.64	6.96	5.41	8.55	12.09	9.32	6.03	4.49	3.94
CO	50	ppm	12	1	10.64	10.26	14.85	25.05	0.80	0.55	23.07	1.28	1.15	1.78	1.19	25.70	0.49	0.63	1.03	2.66
O_2		%	0	0.1	8.88	6.82	7.25	6.24	6.89	6.18	5.36	5.98	9.50	5.84	7.18	5.87	6.61	6.67	6.20	6.29
FL1		Sm³	12	10	11,578	12,693	12,282	13,394	13,341	14,177	14,881	14,374	10,899	14,262	12,841	14,228	13,315	13,623	14,139	14,229
TMP		℃	0	1	182.27	181.45	180.70	180.17	180.21	180.92	180.44	180.52	180.31	180.16	179.80	179.36	179.00	179.29	179.66	180.14
TM1		℃	0	1	1,056.95	1,023.57	1,023.19	1,051.70	1,034.74	1,042.39	1,039.22	1,013.76	1,004.80	1,060.64	1,016.93	1,068.00	1,045.65	1,024.47	1,039.74	1,025.56
TM3		℃	0	1	35.85	35.85	35.86	35.85	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86