3월 31일 굴뚝별 트랜드

					03-31 00:00	03-31 00:30	03-31 01:00	03-31 01:30	03-31 02:00	03-31 02:30	03-31 03:00	03-31 03:30	03-31 04:00	03-31 04:30	03-31 05:00	03-31 05:30	03-31 06:00	03-31 06:30	03-31 07:00	03-31 07:30
TSP	20	mg/S m³	12	1	0.48	0.35	0.39	0.35	0.36	0.36	0.38	0.38	0.48	0.35	0.42	0.36	0.35	0.35	0.37	0.39
SOx	30	ppm	12	1	0.94	0.23	1.13	2.35	1.23	4.41	2.52	0.35	0	1.53	0	0.08	0	0.35	1.55	0.13
NOx	70	ppm	12	1	11.51	13.82	14.44	13.63	16.31	15.51	14.16	13.85	12.2	12.86	12.99	13.01	9.76	8.86	10.42	11.57
HCl	15	ppm	12	1	6.05	2.46	5.32	7.35	6.15	8.76	10.46	6.51	6.53	5.97	9.69	5.97	4.04	3.34	4.9	5.32
CO	50	ppm	12	1	13.95	4.47	0.99	1.52	11.43	16.78	8.33	12.04	1.32	24.17	1.22	30.74	6.28	40.79	42.07	4.46
O_2		%	0	0.1	10.26	6.61	8.23	6.97	7.14	6.86	7.74	8.01	11.06	6.63	9.24	6.77	7.12	6.9	7.12	8.18
FL1		Sm³	12	10	9,262.69	12,785.4	11,274.4	12,422.7	12,484.6	12,664.7	11,790	11,518	9,526.76	12,958.6	10,425	12,776.7	11,889.1	11,737.7	11,876.6	11,439.7
TMP		℃	0	1	176.95	177.24	177.04	177.24	177.38	177.24	177.18	176.8	176.32	176.04	176.7	177	175.8	175.23	175	175.08
TM1		℃	0	1	1,070.55	1,097.47	1,047.39	1,084.82	1,073.71	1,087.53	1,060.26	1,040.56	999.73	1,084.87	995.17	1,073.28	1,073.59	1,044.73	1,046.89	1,016.42
TM3		℃	0	1	36.57	36.56	36.57	36.57	36.57	36.56	36.57	36.57	36.57	36.57	36.57	36.57	36.56	36.57	36.57	36.57

					03-31 08:00	03-31 08:30	03-31 09:00	03-31 09:30	03-31 10:00	03-31 10:30	03-31 11:00	03-31 11:30	03-31 12:00	03-31 12:30	03-31 13:00	03-31 13:30	03-31 14:00	03-31 14:30	03-31 15:00	03-31 15:30
TSP	20	mg/S m³	12	1	0.46	0.38	0.36	0.37	0.37	0.4	0.36	0.39	0.48	0.39	0.37	0.78	4.44	4.26	4.42	4.39
SOx	30	ppm	12	1	29.64	3.71	5.73	7.98	2.29	6.25	14.56	0	7.34	0	0.28	0	0.1	0	0	0
NOx	70	ppm	12	1	14.34	11.8	10.96	15.42	11.77	14.4	11.05	12.51	16.03	14.64	15.18	11.69	0.92	1.04	0.85	0.77
HCl	15	ppm	12	1	13.37	15.27	4.66	8.4	11.96	9.72	11.63	5.42	8.2	6.6	5.05	7	0.03	0.24	0.29	0.32
CO	50	ppm	12	1	53.02	20.69	29.96	15.02	4.37	18.26	39.25	1.42	48.17	0.9	9.41	1.09	0	0	0	0
O_2		%	0	0.1	10.2	7.56	6.82	7.51	7.86	8.72	6.74	8.3	9.99	8.51	7.82	8.72	21.14	20.97	20.91	20.91
FL1		Sm³	12	10	10,349.3	11,908.7	13,057.1	12,699.3	11,140.3	11,350.9	12,959.2	11,537	9,688.8	11,134.6	11,992.6	10,570	8,221.05	8,442.06	7,829.75	7,773.68
TMP		℃	0	1	175.16	175.74	173.83	174.48	174.65	174.42	174.48	174.39	174.71	174.77	174.45	175.22	176.37	175.95	176.02	176.51
TM1		℃	0	1	1,021.61	1,029.07	1,063.89	1,074.72	1,016.79	973.79	1,037.49	981.25	1,027.37	999.65	1,035.52	1,018.37	1,064.13	1,084.2	1,079.61	1,124.57
TM3		℃	0	1	36.57	36.56	36.57	36.57	36.56	36.56	36.56	36.56	36.56	36.57	36.56	36.56	36.56	36.57	36.57	36.56

					03-31 16:00	03-31 16:30	03-31 17:00	03-31 17:30	03-31 18:00	03-31 18:30	03-31 19:00	03-31 19:30	03-31 20:00	03-31 20:30	03-31 21:00	03-31 21:30	03-31 22:00	03-31 22:30	03-31 23:00	03-31 23:30
TSP	20	mg/S m³	12	1	3.6	2.18	0.38	0.31	0.31	0.33	0.37	0.41	0.47	0.39	0.38	0.37	0.4	0.36	0.37	0.35
SOx	30	ppm	12	1	0	0	6.63	4.24	7.58	9.03	5.61	2.45	2.07	0	0.56	0.53	0.37	0	0	0
NOx	70	ppm	12	1	0.44	0.29	9.56	17.95	12.2	10.58	12.34	10.29	13.32	8.47	6.89	4.53	5.16	7.53	7.09	5.26
HCl	15	ppm	12	1	0.18	0.15	3.31	9.8	8.05	4.85	3.96	7.13	4.76	4.35	6.93	9.54	4.73	4.22	5.45	5.32
CO	50	ppm	12	1	0.01	0.04	1.2	2.83	10.65	31.33	12.79	23.04	81.38	0.84	0.65	3.64	9.35	0.59	1.09	7.97
O_2		%	0	0.1	20.91	20.89	17.19	9.49	10.7	5.52	6.86	8.06	9.49	7.3	7.11	6.95	7.93	6.75	6.98	6.05
FL1		Sm³	12	10	11,122.8	17,088.3	16,936.1	15,539.2	15,591.5	13,800.7	13,479	12,239.1	10,486.8	12,076.7	12,132.1	11,492.5	11,245.6	12,308.7	11,612.2	12,089.7
TMP		℃	0	1	177.1	176.83	174.41	172.43	170.73	170.08	169.73	169.91	169.23	168.59	170.13	171.32	169.94	168.09	167.78	168.44
TM1		℃	0	1	1,059.83	952.55	1,014.55	958.95	941.09	992.32	975.27	930.16	996.29	996.58	1,022.29	1,036.04	991.86	1,043.85	1,049.49	1,071.85
TM3		℃	0	1	36.56	36.55	36.56	36.56	36.52	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

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	0.48	0.43	0.41	0.4	0.4	0.45	0.42	0.47	0.5	0.44	0.45	0.4	0.4	0.43	0.47	0.42
SOx	30	ppm	12	1	0	0	0.02	0	0	0	0	0	0.22	0	0	0.01	0	0	0	0.33
NOx	70	ppm	12	1	8.31	9.88	10.5	9.93	11.84	5.35	6.28	5.25	3.45	3	1.11	9.73	8.8	5.84	8.06	10.78
HCl	15	ppm	12	1	6.65	4.5	4.77	5.72	6.16	6.39	6.02	8.02	7.61	8.61	5.98	5.87	8.85	5.89	5.33	5.89
CO	50	ppm	12	1	0.79	1.5	11	0.86	0.67	1.73	7.29	3.24	60.65	8.1	12.55	23.76	0.9	5.59	3.2	21.33
O_2		%	0	0.1	10.04	8.76	7.54	7.79	7.52	9.04	7.73	8.94	9.82	8.71	9.08	6.33	7.26	8.13	9.04	7.06
FL1		Sm³	12	10	10,048.8	10,924.2	11,969.7	11,832.7	12,645.9	10,884.9	12,433.3	11,575.6	11,217.5	11,018	10,755.9	14,742.3	12,704.6	11,713.8	11,532.8	13,959.5
TMP		℃	0	1	169.4	168.83	169.34	169.75	170.89	170.87	171.53	172.71	172.44	173.4	172.22	173.67	174.91	172.73	171.18	171.43
TM1		℃	0	1	1,017.53	963.85	992.37	991.97	1,014.11	943.83	988.1	967.31	976.54	981.85	941.11	1,055.44	1,042.01	1,015.99	948.67	1,029.03
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

					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	0.54	0.44	0.43	0.44	0.46	0.41	0.44	0.44	0.55	0.39	0.37	0.4	0.38	0.42	0.4	0.36
SOx	30	ppm	12	1	0	0	0	0	0	0.07	0	0	0	0	0.02	0	0.42	0.09	0	0.03
NOx	70	ppm	12	1	10.72	10.6	8.57	11.55	9.49	12.17	6.32	6.98	11.45	10.94	12.87	11.8	11.05	12.87	13.44	15.93
HCl	15	ppm	12	1	9.04	7.74	7.47	8.08	9.72	8.32	8.46	9.48	9.78	5.5	6.32	7.13	10.27	10.92	8.31	7.48
CO	50	ppm	12	1	1.71	1.17	0.53	0.6	1.99	13.78	1.44	0.85	1.63	4.24	9.82	0.58	1.56	0.45	0.54	24.88
O_2		%	0	0.1	10.81	7.81	7.92	7.78	8.41	7.19	8.4	7.69	11.37	6.22	6.09	7.26	6.49	7.6	7.11	5.47
FL1		Sm³	12	10	11,340.1	13,439.9	13,201	13,489.8	12,728	13,830.4	12,718.5	13,741.7	10,647.5	15,227.1	15,176.4	13,872.2	14,727.8	13,561	14,361.4	16,130.6
TMP		℃	0	1	173.14	174	174.32	175.08	176.7	176.53	175.83	177.54	176.98	176.39	176.05	176.02	178.14	179.1	178.53	178.59
TM1		℃	0	1	993.24	1,033.46	1,006.51	1,018.49	1,005.3	1,054.67	982.03	1,000.81	949.73	1,057.37	1,105.79	1,043.55	1,077.04	1,053.33	1,042.93	1,110.74
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	36.52	36.51	36.51

					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	0.48	0.39	0.43	0.43	0.42	0.43	0.39	0.41	0.51	0.39	0.47	0.43	0.46	0.44	0.43	0.41
SOx	30	ppm	12	1	5.97	0	0	0	0	0	0.18	0	0	0.18	0	1.09	0.22	0	0	0.17
NOx	70	ppm	12	1	22.82	16.13	15.05	12.97	11.62	10	14.62	15.16	17.72	20.52	8.62	11.45	11.32	12.22	11.86	13.27
HCl	15	ppm	12	1	10.07	8.2	6.49	5.84	8.81	10.11	8.77	8.8	9.72	6.81	9.07	6.88	9.08	9.15	9.64	7.62
CO	50	ppm	12	1	44.59	0.96	0.76	1.17	0.54	2.31	6.03	1.21	1.04	0.42	0.95	2.66	0.84	1.1	0.76	11.65
O_2		%	0	0.1	8.21	7.13	8	7.51	7.56	7.74	6.27	7.03	9.67	6.49	9.02	7.63	8.56	7.83	7.56	6.72
FL1		Sm³	12	10	13,218	14,064.9	13,593.5	14,283.9	13,945.5	13,051.4	15,256.1	13,746.4	10,897.1	14,063.2	11,032	12,810.8	11,939.9	12,744.7	12,739.3	13,879.2
TMP		℃	0	1	178.81	177.98	176.41	175.65	178.23	179.56	179.7	179.57	178.49	177.84	177.55	177.52	177.9	179.05	179.44	178.98
TM1		℃	0	1	1,130	1,082.58	1,022.18	1,004.41	1,028.32	1,034.37	1,090.63	1,085.95	1,082.8	1,103.49	986.39	1,020.25	986.2	1,015.07	1,030.51	1,072.47
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

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	0.53	0.41	0.48	0.44	0.42	0.42	0.43	0.44	0.54	0.45	0.44	0.44	0.45	0.46	0.52	0.42
SOx	30	ppm	12	1	0	0.26	0.11	0.01	0.72	7.98	0.44	0	1.7	0	3.29	2.99	1.4	0.08	0	0
NOx	70	ppm	12	1	14.03	16.8	12.28	11.49	12.94	8.95	8.27	6.03	14.41	9.68	11.76	13.81	7.88	10.12	8.84	7.95
HCl	15	ppm	12	1	8.83	6.47	8.34	7.84	8.55	8.84	7.6	6.41	7.04	5.71	6.52	9.75	10.22	8.7	8.5	5.26
CO	50	ppm	12	1	0.63	0.52	0.95	1.31	14.83	51.52	26.59	1.09	4.03	0.75	0.97	0.38	4.37	0.72	1.93	3.02
O_2		%	0	0.1	9.65	6.73	8.38	7.29	6.45	6.2	6.84	7.53	9.04	8.17	7.19	7.18	7.57	7.91	9.1	6.71
FL1		Sm³	12	10	11,092.8	13,870.2	12,188.6	13,392.6	14,289.9	14,247.3	13,301.4	12,177	10,624.5	12,532.3	13,644.5	13,601.7	12,890.1	12,584.6	11,694.2	13,921.2
TMP		℃	0	1	178.11	177.68	178.44	178.87	180.29	180.72	180.33	178.87	177.92	177.66	178.06	179.5	180.05	179.45	179.36	178.65
TM1		℃	0	1	1,056.95	1,094.71	1,017.82	1,030.38	1,061.06	1,085.12	1,052.59	1,009.83	1,093.86	1,013.15	1,047.13	1,061.89	1,030.23	1,016.81	920.09	993.62
TM3		℃	0	1	36.51	36.51	36.51	36.52	36.53	36.53	36.53	36.52	36.52	36.53	36.52	36.52	36.52	36.51	36.52	36.52

					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	0.5	0.39	0.39	0.41	0.4	0.4	0.41	0.39	0.51	0.43	0.45	0.38	0.46	0.46	0.39	0.37
SOx	30	ppm	12	1	0.01	0	0	0	0	0	0	0	1.73	0	0	1.07	0	0	4.95	4.07
NOx	70	ppm	12	1	10.6	12.33	12.72	8.12	8.77	8.52	8.8	11.02	19.49	13.77	8.92	15.82	8.17	9.85	12.34	11.09
HCl	15	ppm	12	1	6.78	5.07	5.19	6.24	6.58	5.34	6.28	5.87	10.65	10.54	8.93	6.97	8.81	8.32	6.22	7.79
CO	50	ppm	12	1	13.66	2.08	0.37	0.82	0.43	17.6	2.26	0.67	0.5	0.55	0.71	0.37	1.03	1.12	7.25	0.6
O_2		%	0	0.1	8.89	6.38	6.86	7.21	7.31	6.7	7.55	6.53	9.44	7.68	8.36	5.95	8.65	8.68	6.49	6.26
FL1		Sm³	12	10	11,713.2	13,961.3	13,352	12,990.6	12,823.1	13,745	12,611	13,797.7	11,909.8	13,241.1	12,548.1	15,158.1	12,145	11,991	14,383.3	14,524.2
TMP		℃	0	1	177.95	177.37	176.82	177.31	177.39	177.29	177.37	177.96	179.51	180.71	180.78	180.05	181.12	181.04	180.64	179.64
TM1		℃	0	1	1,079.15	1,090.37	1,077.49	1,036.51	1,028.33	1,040.83	1,032.94	1,061.49	1,072.74	1,038.13	1,005.99	1,088.72	989.03	983.85	1,045.13	1,065.77
TM3		℃	0	1	36.52	36.52	36.52	36.52	36.51	36.51	36.51	36.51	36.51	36.51	36.52	36.52	36.52	36.52	36.52	36.52

					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	0.52	0.47	0.37	0.41	0.41	0.37	0.42	0.38	0.48	0.4	0.41	0.42	0.44	0.41	0.44	0.42
SOx	30	ppm	12	1	0.28	0	0.01	0	0	0	0	1.39	0	0	0	0	0	0.01	0.27	0.09
NOx	70	ppm	12	1	13.98	8.43	15.32	13.29	7.71	8.53	8.62	7.43	7.45	9.99	9.85	11.01	11.87	8.13	8.46	7.52
HCl	15	ppm	12	1	10.23	7.66	5.02	5.57	4.78	4.01	5.71	6.54	8.14	4.39	5.05	5.91	6.88	7.63	9.31	8.68
CO	50	ppm	12	1	0.52	0.89	0.37	0.43	1.05	0.64	10.32	6.97	0.63	0.4	1.22	0.88	1.28	1.12	1.08	3.53
O_2		%	0	0.1	9.67	8.84	6.28	7.92	8.22	6.38	7.87	6.23	9.2	7.04	7.01	7.64	7.29	6.77	7.07	6.89
FL1		Sm³	12	10	11,072.6	12,065.5	14,829.1	12,854.6	12,371.6	14,344.2	12,711.5	13,755.9	10,186.3	13,500.6	13,601.3	13,193.9	14,537.9	14,429.2	14,284.2	14,198
TMP		℃	0	1	179.71	179.96	178.53	177.79	176.67	175.74	177.03	177.98	177.6	176.69	176.65	177.58	179.23	180.19	180.85	181.96
TM1		℃	0	1	1,069.72	973.51	1,084.66	1,032.29	979.53	1,042.25	1,011.49	1,063.08	1,050.73	1,042.9	1,067.04	1,004.81	995.62	991.13	998.97	1,003.62
TM3		℃	0	1	36.52	36.53	36.53	36.53	36.52	36.52	36.52	36.52	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51