8월 1일 굴뚝별 트랜드

					08-01 00:00	08-01 00:30	08-01 01:00	08-01 01:30	08-01 02:00	08-01 02:30	08-01 03:00	08-01 03:30	08-01 04:00	08-01 04:30	08-01 05:00	08-01 05:30	08-01 06:00	08-01 06:30	08-01 07:00	08-01 07:30
TSP	20	mg/Sm³	12	1	0.51	0.42	0.49	0.55	0.49	0.52	0.5	0.5	0.69	0.5	0.56	0.54	0.55	0.41	0.41	0.37
SOx	30	ppm	12	1	0.5	0	0	0	1.21	0.05	0.62	0.65	1.24	3.47	0	0	0	0.41	0	0
NOx	70	ppm	12	1	20.7	15.68	18.64	21.53	20.99	15.94	21.72	17.59	24.42	21	20.32	18.67	22.35	16.84	14.87	16.21
HCl	15	ppm	12	1	4.25	3.67	4.58	5.2	4.84	6.14	3.77	6.29	7.56	5.97	7.42	2.71	1.8	1.88	2.82	3.5
CO	50	ppm	12	1	80.89	0.28	0.28	0.33	0.14	0.35	0.39	0.14	0.23	0.51	0.72	0.67	1.17	21.42	0.72	0.19
O_2		%	0	0.1	8.81	7.43	7.37	7.33	5.19	7.76	5.91	6.31	9.29	5.72	9.04	8.31	8.73	5.76	5.79	5.95
FL1		Sm³	12	10	11,478.6	13,587.2	14,231.5	14,571.9	16,879.2	13,822.7	16,060.5	15,566.8	12,543.6	16,224.4	12,415.9	13,366.6	13,013.2	15,703.5	15,635.4	15,065
TMP		℃	0	1	187.11	186.66	186.93	188.05	188.62	188.54	188.19	188.65	189.04	189.29	188.29	184.78	180.77	181.51	184.66	185.65
TM1		℃	0	1	1,069.61	1,004.75	1,003.38	988.88	1,085.45	1,004	1,064.85	1,056.99	1,052.17	1,077.73	951.79	957.45	922.23	1,045.31	1,041.34	1,050.35
TM3		℃	0	1	36.42	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					08-01 08:00	08-01 08:30	08-01 09:00	08-01 09:30	08-01 10:00	08-01 10:30	08-01 11:00	08-01 11:30	08-01 12:00	08-01 12:30	08-01 13:00	08-01 13:30	08-01 14:00	08-01 14:30	08-01 15:00	08-01 15:30
TSP	20	mg/Sm³	12	1	0.49	0.4	0.41	0.35	0.31	0.28	0.28	0.27	0.28	0.29	0.28	0.26	0.27	0.26	0.26	0.28
SOx	30	ppm	12	1	0	0	0.29	3.94	0.05	17.68	2.31	9.54	0	0.21	7.84	11.45	0	0	0	0
NOx	70	ppm	12	1	25	15.64	16.49	18.39	4.17	35.9	0.85	19.52	22.93	24.79	17.37	40.08	0.02	0.02	0.01	0.01
HCl	15	ppm	12	1	4.98	4.29	4.37	9.58	3.43	3.83	6.84	11.29	6.31	4.77	0.24	2.47	0.18	0.24	0.16	0.16
CO	50	ppm	12	1	0.37	0.28	0.49	0.36	0.08	45.27	0	24.24	0.31	0.28	23.03	34.85	0	0	0	0
O_2		%	0	0.1	9.42	6.99	5.62	5.51	18.27	2.28	0.01	1	10.53	6.29	5.94	13.35	20.91	20.81	20.69	20.69
FL1		Sm³	12	10	11,510.9	13,949.1	15,744.6	16,880.7	18,563.8	17,975.2	17,708	17,779.3	17,825.7	18,116.3	17,795.4	17,387	17,650.9	17,498.9	17,433.8	17,722.5
TMP		℃	0	1	186.38	186.69	187.59	188.39	188.02	187.04	186.5	186.1	185.77	185.63	185.95	185.75	184.95	185.06	185.14	185.61
TM1		℃	0	1	1,040.39	1,010.22	1,050.4	1,058.15	1,030.95	1,024.43	1,010.98	1,054.05	1,018.33	1,049.1	1,075.19	1,071.95	1,041.77	1,099.05	1,053.51	1,030.23
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.45	36.43	36.41	36.44	36.45	36.44	36.44	36.43	36.44	36.44	36.44	36.44

					08-01 16:00	08-01 16:30	08-01 17:00	08-01 17:30	08-01 18:00	08-01 18:30	08-01 19:00	08-01 19:30	08-01 20:00	08-01 20:30	08-01 21:00	08-01 21:30	08-01 22:00	08-01 22:30	08-01 23:00	08-01 23:30
TSP	20	mg/Sm³	12	1	0.3	0.36	0.33	0.31	0.34	0.38	0.39	0.39	0.5	0.41	0.55	0.38	0.55	0.44	0.43	0.45
SOx	30	ppm	12	1	0.27	0	0	0	0	0	0.08	0	0	0	0.83	0	0.41	1.5	0	0
NOx	70	ppm	12	1	20.92	18.64	19.15	20.17	16.66	17.37	17.92	17.88	21.58	20.47	21.36	17.75	21.73	17.69	20.31	23.32
HCl	15	ppm	12	1	4.47	4.1	3.63	2.99	3.24	3.08	3.15	3.08	4.07	3.02	4.08	6.61	5.16	7.6	5.87	4.51
CO	50	ppm	12	1	0.13	0.21	0.34	0.2	0.24	0.2	0.22	0.27	0.38	0.2	0.36	0.32	0.32	0.37	0.33	0.24
O_2		%	0	0.1	12.74	6.8	6.99	5.95	6.28	6.55	5.96	6.09	10.1	6.91	7.14	7.23	7.37	6.29	6.98	6.34
FL1		Sm³	12	10	17,437	13,794.9	13,216.8	14,260	14,139.2	14,306.8	15,074.8	15,062.4	10,887.4	13,983.2	14,908.3	13,469.2	14,540.5	14,808.8	14,176.8	15,304.5
TMP		℃	0	1	185.96	186.58	186.03	185.65	185.81	186.1	186.81	186.98	186.28	185.39	186.39	186.39	186.29	187.13	185.78	186.04
TM1		℃	0	1	1,071.43	1,041.18	1,024.01	1,051.71	1,031.19	1,035.43	1,057.89	1,048.93	999.87	1,023.03	1,017.69	1,004.37	1,016.05	1,039	1,014.23	1,036.72
TM3		℃	0	1	36.45	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.43	36.44	36.44	36.43	36.42

8월 2일 굴뚝별 트랜드

					08-02 00:00	08-02 00:30	08-02 01:00	08-02 01:30	08-02 02:00	08-02 02:30	08-02 03:00	08-02 03:30	08-02 04:00	08-02 04:30	08-02 05:00	08-02 05:30	08-02 06:00	08-02 06:30	08-02 07:00	08-02 07:30
TSP	20	mg/Sm³	12	1	0.57	0.35	0.34	0.32	0.38	0.4	0.4	0.48	0.58	0.45	0.46	0.48	0.35	0.36	0.36	0.37
SOx	30	ppm	12	1	0.17	0	0	0	0	1.14	0.11	0	0	0	0	0	0.27	0	0	0
NOx	70	ppm	12	1	27.66	15.73	16.83	17.62	15.97	18.42	12.87	16.7	18.27	20.17	16.54	18.58	14.9	15.07	16.67	17.21
HCl	15	ppm	12	1	5.03	4.74	4.41	4.09	4.12	4.85	5.81	6.09	5.5	4.18	3.94	4.09	4.18	3.68	5.81	4.57
CO	50	ppm	12	1	5.3	1.56	0.26	0.16	0.28	0.67	0.43	0.34	0.47	0.29	0.41	0.46	25.32	0.57	0.2	0.24
O_2		%	0	0.1	7.77	6.19	6.24	6.18	6.95	5.82	6.38	6.64	9.79	7.35	7.35	7.19	5.99	5.46	6.72	6.43
FL1		Sm³	12	10	12,896.8	14,433.9	14,286.5	14,003.9	13,769.2	15,466.4	14,776.1	15,090.5	11,822.3	14,010.5	14,145.6	14,434.1	14,739	15,583.7	13,981.5	14,394.2
TMP		℃	0	1	186.86	186.18	185.6	185.04	184.61	185.75	186.74	186.52	186.34	185.47	184.91	184.95	184.64	184.78	185.18	185.39
TM1		℃	0	1	1,079.87	1,020.4	1,026.15	1,053.61	1,004.35	1,048.41	1,013.41	1,016.44	1,002.18	998.75	990.39	989.65	1,046.09	1,059.08	1,020.22	1,022.57
TM3		℃	0	1	36.43	36.43	36.43	36.43	36.42	36.43	36.42	36.44	36.43	36.43	36.42	36.43	36.43	36.43	36.43	36.42

					08-02 08:00	08-02 08:30	08-02 09:00	08-02 09:30	08-02 10:00	08-02 10:30	08-02 11:00	08-02 11:30	08-02 12:00	08-02 12:30	08-02 13:00	08-02 13:30	08-02 14:00	08-02 14:30	08-02 15:00	08-02 15:30
TSP	20	mg/Sm³	12	1	0.48	0.39	0.4	0.41	0.39	0.39	0.39	0.41	0.5	0.37	0.39	0.37	0.41	0.4	0.39	0.38
SOx	30	ppm	12	1	0	0	0	2.04	0.01	0.12	0.02	0	0	0	0	0.29	0	0	0	0
NOx	70	ppm	12	1	21.49	13.29	16	23.12	23.66	26.07	24.33	16.15	22.16	23.27	22.36	22.35	21.51	17.57	22.49	17.77
HCl	15	ppm	12	1	5.62	6.77	4.75	12.79	10.04	6.13	4.97	4.75	5.18	3.94	4.8	5.03	4.99	4.51	3.95	4.69
CO	50	ppm	12	1	0.3	0.24	0.15	0.11	0.04	0	0	0.05	0.17	0.15	0.29	0.29	0.33	0.26	0.13	0.18
O_2		%	0	0.1	8.88	7.25	7.71	7.12	6.55	6.73	6.76	7.85	10.27	7.54	8.32	8.05	8.28	7.53	6.65	6.7
FL1		Sm³	12	10	12,159.2	13,521.8	13,105.6	13,932.9	14,370.9	14,180.2	14,144.5	12,834	10,550.4	12,864	12,085.6	12,306.4	12,397.6	13,340.2	14,242.6	14,013.2
TMP		℃	0	1	185.8	185.82	185.41	186	186.61	186.13	185.74	185.55	185.63	185.31	185.15	185.35	185.64	185.68	186.14	186.66
TM1		℃	0	1	1,033.18	1,003.24	1,027.53	1,047.19	1,094.95	1,094.21	1,086.29	1,032.59	1,038.85	1,077.02	1,049.29	1,049.59	1,026.47	1,029.37	1,062.25	1,032.81
TM3		℃	0	1	36.41	36.42	36.42	36.43	36.42	36.42	36.43	36.43	36.43	36.44	36.44	36.44	36.44	36.44	36.44	36.43

					08-02 16:00	08-02 16:30	08-02 17:00	08-02 17:30	08-02 18:00	08-02 18:30	08-02 19:00	08-02 19:30	08-02 20:00	08-02 20:30	08-02 21:00	08-02 21:30	08-02 22:00	08-02 22:30	08-02 23:00	08-02 23:30
TSP	20	mg/Sm³	12	1	0.5	0.39	0.37	0.36	0.39	0.38	0.38	0.41	0.54	0.4	0.43	0.4	0.41	0.39	0.42	0.42
SOx	30	ppm	12	1	0	5.29	1.1	0	0	2.06	0.05	0	0.57	0.11	0	0	0	1.61	0.01	0
NOx	70	ppm	12	1	25.02	21.73	21.43	20.66	19.16	21.18	20.22	20.09	26.99	16.54	18.51	18.65	18.05	20.54	16.65	20.76
HCl	15	ppm	12	1	6.24	4.74	9.08	4.9	4.18	4.09	6.15	3.83	3.97	4.61	3.03	3.18	3.67	3.86	6.1	3.85
CO	50	ppm	12	1	0.27	0.94	0.19	0.18	0.19	0.25	13.23	0.28	2.85	0.24	0.26	0.23	0.18	0.23	0.19	0.33
O_2		%	0	0.1	9.82	6.11	6.38	6.71	6.67	5.24	6.33	6.82	8.42	7.05	6.48	6.2	6.32	5.19	7.02	7.38
FL1		Sm³	12	10	11,188.9	14,816.4	14,346	13,955.4	14,163.1	16,043.6	14,683.4	14,323	12,936.8	13,915.4	14,967.1	15,068.2	14,869	16,199.3	14,033.9	13,598.9
TMP		℃	0	1	187.12	187.46	187.6	186.88	186.7	187.44	187.93	187.06	187.44	187.51	187.49	187.06	186.96	187.6	187.79	186.43
TM1		℃	0	1	1,010.61	1,055.19	1,057.73	1,049.49	1,040.82	1,071.19	1,059.96	1,037	1,078.49	1,004.63	1,020.85	1,020.05	1,033.08	1,085.02	1,006.24	989.21
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.43	36.43	36.43	36.42	36.41

8월 3일 굴뚝별 트랜드

					08-03 00:00	08-03 00:30	08-03 01:00	08-03 01:30	08-03 02:00	08-03 02:30	08-03 03:00	08-03 03:30	08-03 04:00	08-03 04:30	08-03 05:00	08-03 05:30	08-03 06:00	08-03 06:30	08-03 07:00	08-03 07:30
TSP	20	mg/Sm³	12	1	0.52	0.43	0.42	0.42	0.41	0.4	0.39	0.38	0.52	0.41	0.44	0.44	0.43	0.41	0.46	0.45
SOx	30	ppm	12	1	0	0.28	0.84	0	0	0	0	0.13	0.05	0	0	0.16	0	0	1.01	4.16
NOx	70	ppm	12	1	21.51	16.49	16.99	20.54	18.26	19.83	18.86	21.99	28.21	19.56	22.76	16.11	18.25	19.44	20.59	22.11
HCl	15	ppm	12	1	3.91	3.8	6.35	2.93	5.26	5.07	5.03	5	6.85	4.4	2.53	2.94	3.49	3.6	4.34	6.89
CO	50	ppm	12	1	0.47	3.28	0.76	0.22	0.23	0.23	0.25	0.1	0.21	0.32	0.31	2.8	0.37	0.25	0.61	0.19
O_2		%	0	0.1	9.19	6.3	7.31	5.69	6.45	7.16	7.25	6.23	9.46	7.82	6.49	5.77	6.38	6.56	6.81	5.55
FL1		Sm³	12	10	11,988.3	15,085.9	13,660.5	15,959.4	14,808.5	13,777.3	13,532.1	14,727.9	11,321.2	12,930.6	15,022.5	15,915.7	15,112.9	14,649	14,745	16,230.1
TMP		℃	0	1	186.06	187.09	187.09	186.87	187.22	186.91	186.01	186.18	186.67	186.06	185.64	186.5	186.42	186.02	186.75	188
TM1		℃	0	1	1,032.63	1,031.77	984.59	1,048.01	1,023.26	1,019.97	1,025.13	1,080.27	1,056.69	999.29	1,035.37	1,034.45	1,018.8	1,016.47	1,036.29	1,062.7
TM3		℃	0	1	36.41	36.41	36.41	36.41	36.42	36.41	36.41	36.41	36.41	36.41	36.41	36.4	36.41	36.41	36.4	36.4

					08-03 08:00	08-03 08:30	08-03 09:00	08-03 09:30	08-03 10:00	08-03 10:30	08-03 11:00	08-03 11:30	08-03 12:00	08-03 12:30	08-03 13:00	08-03 13:30	08-03 14:00	08-03 14:30	08-03 15:00	08-03 15:30
TSP	20	mg/Sm³	12	1	0.54	0.61	0.63	0.54	0.54	0.46	0.41	0.42	0.71	0.42	0.39	0.4	0.41	0.43	0.42	0.41
SOx	30	ppm	12	1	0	0	0.41	0	5.07	5.59	0.52	2.23	6.79	0.07	0.12	0	0	0	0	0.05
NOx	70	ppm	12	1	23.21	17.55	20.29	18.47	18.4	18.51	20.03	21.96	32.09	24.09	29.67	25.47	22.54	17.29	21.15	21.99
HCl	15	ppm	12	1	5.36	4.54	10.01	5.67	2.94	6.4	10.06	7.98	24.28	10.24	5.36	5.07	4.65	4.02	3.28	3.11
CO	50	ppm	12	1	0.29	0.4	0.29	0.36	35.07	9.02	0.71	0.31	0.32	5.16	0.47	0.26	3.96	0.37	0.43	1.43
O_2		%	0	0.1	8.88	6.95	7.18	7.1	4.85	5.36	5.33	6.71	9.05	6.78	5.79	5.89	6.11	6.53	5.88	5.11
FL1		Sm³	12	10	12,005.6	15,371.8	15,105.4	14,850.1	17,648.8	16,273.5	16,083.9	14,473.2	11,806.1	14,461.8	15,597	15,603.8	15,451.3	15,088.6	15,872.7	16,766.8
TMP		℃	0	1	186.93	187.48	189.55	188.9	188	188.05	187.92	186.75	187.85	187.98	187.15	187.2	187.12	186.94	186.5	186.36
TM1		℃	0	1	1,033.81	1,007.41	1,016.05	997.29	1,094.48	1,071.92	1,094.39	1,040.21	1,061.78	1,048.3	1,099.19	1,075.79	1,060.35	1,039.54	1,053.13	1,097.72
TM3		℃	0	1	36.42	36.42	36.42	36.42	36.43	36.43	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.43

					08-03 16:00	08-03 16:30	08-03 17:00	08-03 17:30	08-03 18:00	08-03 18:30	08-03 19:00	08-03 19:30	08-03 20:00	08-03 20:30	08-03 21:00	08-03 21:30	08-03 22:00	08-03 22:30	08-03 23:00	08-03 23:30
TSP	20	mg/Sm³	12	1	0.54	0.41	0.43	0.44	0.42	0.45	0.42	0.44	0.49	0.37	0.36	0.37	0.38	0.39	0.4	0.37
SOx	30	ppm	12	1	0.24	0	0	0	0	2.38	6.97	0	0	0.07	0.01	0	0.41	0.02	0	0
NOx	70	ppm	12	1	28.13	20.94	18.59	17.19	17.85	18.2	18.35	19.49	16.77	21.52	17.5	18.67	19.64	22.21	27.44	23.16
HCl	15	ppm	12	1	5.98	6.36	4.94	3.94	4.69	6.45	15.75	8.08	5.79	3.84	4.16	4.1	4.18	4.63	3.9	4.31
CO	50	ppm	12	1	0.47	0.2	0.3	0.38	0.43	3.56	2.8	0.27	0.56	0.3	0.23	0.22	4.75	0.22	0.45	0.18
O_2		%	0	0.1	8.24	5.95	6.37	6.94	6.41	5.49	4.97	6.85	8.84	5.93	5.9	5.68	4.93	5.39	6.15	5.72
FL1		Sm³	12	10	13,023.5	15,629.5	15,286.6	14,663.2	15,127.4	16,418	16,803.4	14,496.1	11,998	15,171.3	15,051.2	15,426.2	16,488.7	16,042.5	15,216.1	15,398.8
TMP		℃	0	1	187.27	188.73	188.22	186.99	187.36	189.14	190.6	189.67	187.82	187.11	186.81	187.33	188.16	188.03	187.35	187.32
TM1		℃	0	1	1,088.91	1,056.27	1,042.58	1,002.43	1,037.6	1,063.34	1,096.06	1,014.93	1,053.63	1,075.93	1,049.28	1,071	1,091.59	1,073.45	1,081.99	1,080.97
TM3		℃	0	1	36.43	36.44	36.44	36.43	36.43	36.42	36.42	36.43	36.43	36.42	36.41	36.42	36.42	36.42	36.42	36.42