7월 2일 굴뚝별 트랜드

					07-02 00:00	07-02 00:30	07-02 01:00	07-02 01:30	07-02 02:00	07-02 02:30	07-02 03:00	07-02 03:30	07-02 04:00	07-02 04:30	07-02 05:00	07-02 05:30	07-02 06:00	07-02 06:30	07-02 07:00	07-02 07:30
TSP	20	mg/Sm³	12	1	1.08	0.78	0.81	0.81	0.81	0.78	0.86	0.86	1.03	0.8	0.91	0.9	0.87	0.88	0.78	0.88
SOx	30	ppm	12	1	0	1.29	0.03	0.02	0	0	0	0	9.07	0.93	0	0	0	0	0.04	0
NOx	70	ppm	12	1	9.82	13.7	8.98	12.06	12.66	10.86	8.29	10.77	16.21	13.73	14.65	8.15	10.31	13.17	7.47	4.86
HCl	15	ppm	12	1	4.81	2.81	4.56	3.73	3.81	3.34	4.82	3.87	4.27	3.01	4.56	3.94	2.91	3.18	1.97	3.78
CO	50	ppm	12	1	61.53	28.67	5.33	13.52	5.11	8.53	2.35	16.83	104.94	23.94	0.65	1.01	4.82	0.54	47.88	18.51
O_2		%	0	0.1	7.63	5.06	5.39	5.53	5.49	5.05	6.2	5.99	6.21	5.11	7.04	7.01	6.35	6.62	4.73	6.29
FL1		Sm³	12	10	12,610.7	16,113.1	15,171.1	15,048.2	15,101.2	15,608	14,461.5	14,574.2	13,630.8	15,688.8	13,684.5	13,562.6	14,063.9	13,918.4	15,797.9	14,223.1
TMP		℃	0	1	185.95	186.8	186.51	186.03	185.44	185.87	186.2	186.31	186.57	186.99	186.48	185.59	184.97	184.75	185.36	185.95
TM1		℃	0	1	1,139.39	1,134.77	1,102.35	1,085.16	1,097.72	1,121.15	1,066.87	1,069.67	1,163.03	1,134.53	1,040.86	1,040.11	1,065.63	1,043.25	1,094.85	1,047.15
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-02 08:00	07-02 08:30	07-02 09:00	07-02 09:30	07-02 10:00	07-02 10:30	07-02 11:00	07-02 11:30	07-02 12:00	07-02 12:30	07-02 13:00	07-02 13:30	07-02 14:00	07-02 14:30	07-02 15:00	07-02 15:30
TSP	20	mg/Sm³	12	1	1.14	0.89	0.82	0.9	0.81	0.9	0.86	0.97	1.15	1	1.04	0.81	0.92	0.84	0.82	0.86
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0.28	0	0	0	0.1
NOx	70	ppm	12	1	5.19	4.91	4.1	1.96	3.34	1.64	3.31	3.07	5.64	5.4	5.48	4.06	5.21	3.28	4.72	6.34
HCl	15	ppm	12	1	3.93	2.47	2.71	3.49	2.83	3.21	3.98	6.21	4.38	4.12	4.15	2.04	3.87	3.18	2.97	4.47
CO	50	ppm	12	1	4.51	0.63	15.24	11.13	28.38	6.09	4.11	0.83	1.88	2.14	1.1	37.62	1.11	20.15	22.55	2.95
O_2		%	0	0.1	8.39	6.54	5.73	6.79	5.3	6.9	6.56	8.26	10.17	8.42	8.87	5.57	7.31	6.12	5.63	6.45
FL1		Sm³	12	10	11,769.1	13,648.6	14,702.8	13,288.1	14,875.9	13,864.9	14,288.8	12,591.6	11,354.9	12,875.4	12,261.2	15,794	13,578.5	15,002.3	15,310	14,675.9
TMP		℃	0	1	186.19	185.85	185.6	185.5	185.35	185.44	186.01	186.69	186.55	187.11	186.95	185.68	186.52	186.69	186.8	187.07
TM1		℃	0	1	1,057.89	1,022.34	1,063.63	1,020.75	1,071.71	1,013.68	1,035.75	968.53	1,015.38	997.68	938.63	1,059.56	1,017.67	1,056.75	1,096.92	1,088.65
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-02 16:00	07-02 16:30	07-02 17:00	07-02 17:30	07-02 18:00	07-02 18:30	07-02 19:00	07-02 19:30	07-02 20:00	07-02 20:30	07-02 21:00	07-02 21:30	07-02 22:00	07-02 22:30	07-02 23:00	07-02 23:30
TSP	20	mg/Sm³	12	1	1.09	0.87	1.05	0.89	0.87	0.84	0.86	0.79	1.07	0.8	0.83	0.93	0.93	0.84	1	1.12
SOx	30	ppm	12	1	0	0.08	0	0.03	0.07	0.01	0.06	2.16	8.7	2.93	0.56	0.27	0	1.2	0	0
NOx	70	ppm	12	1	12.75	8.58	4.57	8.63	7.12	7.99	11.44	13.55	27.39	25.84	23.01	15.97	18.13	17.71	17.85	23.85
HCl	15	ppm	12	1	4.52	3.88	5.2	2.34	3.01	3.26	4.1	3.64	4.37	4.29	5.9	5.56	6.41	3.99	7.7	6.21
CO	50	ppm	12	1	0.35	0.51	0.55	5	0.72	1.2	7.39	28.52	28.19	16.75	0.39	0.94	0.55	3.72	0.63	1.61
O_2		%	0	0.1	8.93	6.55	8.85	6.87	6.47	6.05	6.4	5.1	7.82	5.3	5.97	7.14	7.46	5.96	8.12	9.59
FL1		Sm³	12	10	12,367.9	14,194.5	11,852.6	14,353	14,850.7	15,349	14,931.5	16,027.5	12,805.4	16,244.9	15,751.1	14,446.4	13,859.6	15,523.8	12,912.9	11,697.8
TMP		℃	0	1	187.41	187.09	186.44	185.68	186.8	187.93	188.33	188.38	188.48	188.95	189.47	189.63	188.6	188	188.43	187.76
TM1		℃	0	1	1,103.01	1,086.68	993.99	1,050.81	1,047.65	1,066.29	1,075.49	1,126.37	1,177.43	1,151.91	1,106.61	1,031.37	1,023.57	1,106.61	1,001.59	940.66
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

7월 3일 굴뚝별 트랜드

					07-03 00:00	07-03 00:30	07-03 01:00	07-03 01:30	07-03 02:00	07-03 02:30	07-03 03:00	07-03 03:30	07-03 04:00	07-03 04:30	07-03 05:00	07-03 05:30	07-03 06:00	07-03 06:30	07-03 07:00	07-03 07:30
TSP	20	mg/Sm³	12	1	1.19	1.01	0.79	0.77	0.79	1.06	0.82	0.81	1.1	0.91	0.86	0.76	0.87	0.92	0.87	0.79
SOx	30	ppm	12	1	0	0	4.1	14.79	0.03	0	3.06	5.47	0.61	1.4	0.11	9.32	4.32	0.02	0.35	1.4
NOx	70	ppm	12	1	25.29	20.65	16.28	16.96	17.89	14.2	17.02	19.82	30.43	17.9	21.63	16.08	16.14	25.17	28.07	27.25
HCl	15	ppm	12	1	3.3	3.88	3.34	7.27	6.97	7.05	3.28	8.58	7.95	6.23	4.07	4.85	12.25	7.47	5.83	5.58
CO	50	ppm	12	1	1.04	1.52	19.28	22.96	9.32	0.86	4.96	3.61	10.83	1.1	0.57	51.95	45.49	0.54	0.34	5.18
O_2		%	0	0.1	10.53	8.6	5.15	4.49	5.21	9.05	5.69	5.57	8.71	6.93	6.49	4.45	6.09	7.19	6.6	5.23
FL1		Sm³	12	10	11,188.3	12,974.6	16,291.9	16,849.3	16,134.8	11,698.7	15,572.9	15,637.1	12,643.9	14,295.8	15,512.7	16,855	15,018.5	14,548.8	15,058	17,007.9
TMP		℃	0	1	186.68	187.53	188.62	189.18	188.72	186.72	187.48	188.61	188.94	188.41	189.06	189.58	189.23	188.7	188.76	190.17
TM1		℃	0	1	1,002.2	996.7	1,099.07	1,144.95	1,137.19	980.5	1,114.11	1,133.47	1,119.33	1,064.66	1,059.57	1,123.48	1,066.95	1,055.93	1,092.85	1,116.41
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-03 08:00	07-03 08:30	07-03 09:00	07-03 09:30	07-03 10:00	07-03 10:30	07-03 11:00	07-03 11:30	07-03 12:00	07-03 12:30	07-03 13:00	07-03 13:30	07-03 14:00	07-03 14:30	07-03 15:00	07-03 15:30
TSP	20	mg/Sm³	12	1	1.1	0.92	0.83	0.84	0.78	0.83	0.8	0.78	1.03	0.79	0.8	0.82	0.78	0.84	0.77	0.85
SOx	30	ppm	12	1	0.05	0	0	0	0	0	0.01	0.12	3.85	0.06	0.46	0	0.11	0.38	4.94	0.65
NOx	70	ppm	12	1	26.67	22.51	16.71	14.96	14.46	13.22	16.22	13.13	19.48	16.41	15.2	13.87	19.95	19.87	25.14	24.16
HCl	15	ppm	12	1	7.18	4.9	2.5	3.98	2.25	2.53	3.18	2.66	2.3	2.53	3.28	3.77	4	4.46	5.43	12.08
CO	50	ppm	12	1	4.26	0.55	16.97	2.09	3.71	14.16	12.25	23.11	91.96	7.42	0.66	5.55	4.68	0.51	1.7	0.35
O_2		%	0	0.1	8.77	7.16	5.49	6.12	5.19	5.82	5.75	5.24	6.77	5.57	5.49	5.84	5.35	6.32	5.1	6.34
FL1		Sm³	12	10	13,455	14,586.9	15,519.6	15,053.3	16,098.9	15,345.4	16,310.5	16,907.3	14,232.5	16,365.6	16,472	16,233.5	16,287.9	15,290.8	16,910.9	14,681.8
TMP		℃	0	1	190.66	190.33	189.22	187.59	187	187.12	187.88	188.44	189.19	188.95	189.04	189.92	189.09	188.58	188.81	188.76
TM1		℃	0	1	1,084.96	1,044.11	1,085.73	1,072.11	1,097.73	1,077.25	1,080.11	1,094.24	1,143.76	1,088.02	1,087.15	1,065.26	1,115.54	1,090.13	1,126.93	1,080.81
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-03 16:00	07-03 16:30	07-03 17:00	07-03 17:30	07-03 18:00	07-03 18:30	07-03 19:00	07-03 19:30	07-03 20:00	07-03 20:30	07-03 21:00	07-03 21:30	07-03 22:00	07-03 22:30	07-03 23:00	07-03 23:30
TSP	20	mg/Sm³	12	1	1.02	0.79	0.74	0.86	0.88	0.78	0.78	0.91	1.12	0.84	0.77	0.85	0.88	0.88	0.81	0.87
SOx	30	ppm	12	1	1.63	1.72	1.12	0.26	0.02	0.12	0.02	0	0.12	0	0	0	0	0	0.19	0.42
NOx	70	ppm	12	1	29.62	31.02	39.1	27.46	32.17	29.45	28.59	21.76	22.03	18.26	19.69	15.82	15.75	19.38	18.31	18.72
HCl	15	ppm	12	1	6.38	5.91	5.05	4.79	3.33	2.53	3.12	3.77	2.75	2.34	2.56	3.84	3.65	2.44	2.33	5.41
CO	50	ppm	12	1	42.29	4.59	23.83	25.47	0.62	7.3	6.32	0.49	0.92	0.58	0.91	0.37	0.35	0.37	3.22	0.33
O_2		%	0	0.1	7.46	5.42	4.44	6.85	7.05	5.06	5.17	7.31	9.06	6.05	4.85	6.3	6.84	6.97	5.8	6.68
FL1		Sm³	12	10	14,122.7	16,624.3	17,339.4	14,289.5	14,299.2	16,694.2	16,439.1	14,400.3	12,337.8	16,271.3	17,688.7	15,733.2	14,661.7	14,813.1	16,007.6	14,924.4
TMP		℃	0	1	188.53	189.38	188.97	186.98	186.63	187.18	187.39	186.99	187.57	188.42	188.87	188.4	186.81	185.56	186.05	187.3
TM1		℃	0	1	1,136.36	1,136.44	1,202.18	1,117.29	1,103.33	1,157.64	1,141.74	1,053.33	1,077.5	1,051.71	1,109.99	1,046.1	1,065.21	1,047.39	1,094.99	1,068.06
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

7월 4일 굴뚝별 트랜드

					07-04 00:00	07-04 00:30	07-04 01:00	07-04 01:30	07-04 02:00	07-04 02:30	07-04 03:00	07-04 03:30	07-04 04:00	07-04 04:30	07-04 05:00	07-04 05:30	07-04 06:00	07-04 06:30	07-04 07:00	07-04 07:30
TSP	20	mg/Sm³	12	1	1.06	0.86	0.87	0.93	0.89	0.78	0.76	0.9	1.11	0.84	0.76	0.87	0.97	0.82	0.86	0.82
SOx	30	ppm	12	1	5.15	1.22	0	0	0	0	0.24	0	0.01	0.08	0	0	0	0.05	0.65	0.71
NOx	70	ppm	12	1	30.94	24.04	16.94	14.55	15.05	18.99	19.04	16.68	26.19	17.24	25.57	19.06	18.23	20.77	19.3	20.78
HCl	15	ppm	12	1	5.56	8.25	4.79	3.82	2.94	2.21	2.38	4.39	2.69	2.77	3	3.69	3.94	2.34	4.24	5.41
CO	50	ppm	12	1	26.97	0.2	0.3	1.15	0.61	0.73	27.97	0.48	22.27	0.39	0.28	0.2	0.52	0.31	0.3	0.21
O_2		%	0	0.1	7.62	6.22	6.68	7.58	7.04	5.3	4.82	7.17	8.54	6.06	4.99	6.59	8.18	5.88	6.34	5.49
FL1		Sm³	12	10	13,768.5	15,421.5	15,097.1	14,482.7	15,099.1	17,266.8	17,806.6	15,159.7	13,046.9	16,371.2	17,691.9	15,523.6	13,621.5	16,377	15,584.7	15,516.2
TMP		℃	0	1	188.63	189.51	188.55	188	187.64	187.91	188.35	187.88	188.25	188.46	188.66	188.2	187.08	187.1	187.99	187.99
TM1		℃	0	1	1,161.78	1,115.83	1,071.84	994.87	1,004.05	1,087.14	1,116.66	1,037.69	1,092.93	1,079	1,142.35	1,073.07	998.31	1,098.19	1,076.87	1,124.05
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-04 08:00	07-04 08:30	07-04 09:00	07-04 09:30	07-04 10:00	07-04 10:30	07-04 11:00	07-04 11:30	07-04 12:00	07-04 12:30	07-04 13:00	07-04 13:30	07-04 14:00	07-04 14:30	07-04 15:00	07-04 15:30
TSP	20	mg/Sm³	12	1	1.18	0.81	0.84	0.72	0.67	0.68	0.68	0.67	0.69	0.68	0.68	0.68	0.7	0.69	0.69	0.7
SOx	30	ppm	12	1	0	0.05	0	0	0	0	1.98	9.53	25.5	0.03	0	0	0	0	0	0
NOx	70	ppm	12	1	18.77	15.76	13.06	19.85	24.71	23.8	23.96	29.32	58.31	0.89	0.05	0.11	12.78	25.82	26.47	27.5
HCl	15	ppm	12	1	5.12	1.57	2.85	4.12	4.65	4.6	4.63	16.77	19.47	0.45	0.44	0.48	4.64	2.24	4.16	4.92
CO	50	ppm	12	1	6.51	39.76	6.64	13.96	3.94	2.23	157.57	64.69	77.11	0.05	0.01	0.02	13.59	4.43	1	17.98
O_2		%	0	0.1	9.07	5.05	5.77	5.41	5.42	5.17	3.53	1.96	3.41	19.59	21.37	21.37	13.81	5.13	5.13	5.7
FL1		Sm³	12	10	10,902.3	15,847.6	14,975.4	17,368.3	18,473.6	18,568.7	18,618.9	18,642.3	18,173	17,696.4	18,098.8	18,414.1	18,223.8	18,635.2	18,476.8	18,185.6
TMP		℃	0	1	186.97	186.43	186.41	186.61	186.76	186.81	187.67	188.07	187.41	186.37	186.74	187.36	187.49	187.32	186.69	186.47
TM1		℃	0	1	1,087.04	1,098.49	1,065.67	1,093.07	1,076.25	1,079.23	1,142.51	1,098.47	1,068.72	1,107.04	1,095.98	1,122.45	1,129.91	1,090.95	1,087.08	1,066.35
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-04 16:00	07-04 16:30	07-04 17:00	07-04 17:30	07-04 18:00	07-04 18:30	07-04 19:00	07-04 19:30	07-04 20:00	07-04 20:30	07-04 21:00	07-04 21:30	07-04 22:00	07-04 22:30	07-04 23:00	07-04 23:30
TSP	20	mg/Sm³	12	1	0.7	0.79	0.79	0.93	0.82	0.76	0.86	0.84	1.16	0.81	0.91	0.84	0.84	0.95	0.9	0.9
SOx	30	ppm	12	1	0	0	0.11	0	0	0.51	0.17	0.06	0	0.22	0.18	0	0	0	0	0
NOx	70	ppm	12	1	23.33	16.28	9.42	10.93	13.89	12.06	13	10.59	9.1	8.55	4.65	9.07	6.2	4.26	6.1	6.51
HCl	15	ppm	12	1	4.36	2.44	1.64	4.14	2.75	1.91	3.45	3.67	5.17	2.01	4.68	3.96	3.06	5.33	5.01	4.4
CO	50	ppm	12	1	0.72	3.24	34.94	0.44	0.38	40.52	8.77	13.35	0.61	9.94	13.97	1.01	0.91	0.54	0.42	0.4
O_2		%	0	0.1	9.28	6	4.55	6.83	5.38	4.04	5.87	5.38	9.63	4.95	6.52	5.34	5.45	7.03	6.57	6.23
FL1		Sm³	12	10	18,140.6	16,832.8	16,527.4	14,110.5	15,773.7	17,281.7	15,001.7	15,516.8	11,731.5	16,145.9	14,245.6	15,743.1	15,467.4	13,606.1	13,902.9	14,297.4
TMP		℃	0	1	186.2	186.6	187.18	187.01	186.59	186.77	186.95	186.67	186.95	187.99	187.78	187.8	187.74	187.03	186.32	186.3
TM1		℃	0	1	1,036.1	1,043.51	1,091.05	1,018.21	1,071.55	1,116.89	1,060.73	1,067.29	1,013.33	1,098.08	1,024.65	1,076.38	1,078.23	1,010.62	1,032.7	1,040.98
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47