7월 23일 굴뚝별 트랜드

					07-23 00:00	07-23 00:30	07-23 01:00	07-23 01:30	07-23 02:00	07-23 02:30	07-23 03:00	07-23 03:30	07-23 04:00	07-23 04:30	07-23 05:00	07-23 05:30	07-23 06:00	07-23 06:30	07-23 07:00	07-23 07:30
TSP	20	mg/Sm³	12	1	0.61	0.49	0.49	0.55	0.56	0.47	0.45	0.49	0.61	0.47	0.44	0.42	0.41	0.45	0.49	0.49
SOx	30	ppm	12	1	0	0.24	0	0.45	0	0.09	0.08	0	0	0.03	0.63	0.1	0.49	0	0	0
NOx	70	ppm	12	1	38.41	23.46	21.5	26.32	37.15	37.69	41.24	21.54	31.15	23.04	23.26	26.6	31.18	21.1	18.33	19.96
HCl	15	ppm	12	1	5.23	6.56	6.37	8.28	4.42	3.86	3.48	4.28	3.97	4.68	3.33	3.92	3.88	3.86	3.14	3.22
CO	50	ppm	12	1	0.14	0.16	0.19	0.32	0.28	0.3	0.26	0.58	0.51	0.41	0.27	0.1	0.03	0.13	0.46	0.4
O_2		%	0	0.1	9.9	7.6	7.8	7.9	7.02	7.33	7.08	8.46	9.88	7.85	6.83	6.73	6.14	7.71	9.03	8.8
FL1		Sm³	12	10	11,964.7	13,989.9	13,741	14,018.7	15,264.8	14,307.2	14,533.5	13,000.3	12,180.2	13,590.8	14,673	14,611	15,288.5	13,526.1	12,212	12,529.1
TMP		℃	0	1	186.77	187.78	188.08	188.37	187.92	186.84	186.41	186.1	186.4	186.58	185.89	185.78	186.32	186.17	184.94	184.18
TM1		℃	0	1	1,117.65	1,098.49	1,088.35	1,078.94	1,106.55	1,102.92	1,103.67	1,049.3	1,059.67	1,041.51	1,095.03	1,116.25	1,159.59	1,103.93	1,013.25	1,021.41
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

					07-23 08:00	07-23 08:30	07-23 09:00	07-23 09:30	07-23 10:00	07-23 10:30	07-23 11:00	07-23 11:30	07-23 12:00	07-23 12:30	07-23 13:00	07-23 13:30	07-23 14:00	07-23 14:30	07-23 15:00	07-23 15:30
TSP	20	mg/Sm³	12	1	0.63	0.49	0.5	0.49	0.5	0.49	0.47	0.48	0.59	0.45	0.5	0.46	0.46	0.43	0.5	0.46
SOx	30	ppm	12	1	0.74	0	0	0	0.25	0	1.63	0.02	0.07	0.61	0	0	0	0	0	0.13
NOx	70	ppm	12	1	38.84	29.49	22.36	20.7	33.46	22.24	26.08	21.91	29.24	37.43	19.11	19.91	19.64	24.76	20.76	27.73
HCl	15	ppm	12	1	5.09	4.85	6.31	4.65	4.32	5.73	6.78	7.29	5.52	4.6	5.06	3.38	3.28	2.66	2.92	2.61
CO	50	ppm	12	1	0.27	0.21	0.56	0.27	0.23	0.27	0.13	0.17	0.27	0.06	0.3	0.33	0.25	0.05	0.32	0.26
O_2		%	0	0.1	10.32	7.85	8.92	7.67	6.86	7.42	6.04	6.78	9.12	5.96	8.04	7.85	8.16	6.71	8.46	6.49
FL1		Sm³	12	10	11,055.5	13,708.2	12,424.7	13,902.7	15,024.5	14,243.3	15,830.9	14,856.2	12,790.1	15,803.3	13,445.1	13,424.6	13,003.1	14,679	13,023.2	15,187.6
TMP		℃	0	1	185.6	187.25	187.46	187.44	188.25	188.27	188.71	189.1	188.13	188.28	187.99	186.81	186.5	186.71	186.59	187.02
TM1		℃	0	1	1,089.49	1,069.02	1,030.94	1,057.54	1,097.87	1,072.61	1,119.95	1,099.81	1,102.69	1,142.06	1,037.55	1,035.14	1,042.21	1,111.15	1,021.18	1,099.27
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

					07-23 16:00	07-23 16:30	07-23 17:00	07-23 17:30	07-23 18:00	07-23 18:30	07-23 19:00	07-23 19:30	07-23 20:00	07-23 20:30	07-23 21:00	07-23 21:30	07-23 22:00	07-23 22:30	07-23 23:00	07-23 23:30
TSP	20	mg/Sm³	12	1	0.62	0.42	0.47	0.46	0.47	0.49	0.47	0.47	0.63	0.37	0.36	0.37	0.47	0.56	0.57	0.73
SOx	30	ppm	12	1	0	4.88	0.05	0.03	0	0.27	0.19	0.18	0	0.5	0	0	0	0.01	7.97	2.77
NOx	70	ppm	12	1	35.83	33.07	22.45	27.35	20.81	25.53	25.04	19.35	33.76	23.14	21.6	25.12	23.21	24.04	29.21	34.84
HCl	15	ppm	12	1	3.93	3.29	4.47	2.98	3.52	2.99	3.28	4.05	3.77	3.41	2.98	2.68	2.74	3.95	6.85	4.95
CO	50	ppm	12	1	0.32	7.75	0.27	0.12	0.19	0.41	1.29	0.22	1.86	0.14	0.13	0.13	0.34	0.65	0.29	0.56
O_2		%	0	0.1	9	5.35	7.89	6.38	7.29	7.24	6.47	7.25	9.08	6	6.71	7.43	8.44	8.99	7.11	7.9
FL1		Sm³	12	10	12,765.2	16,412.5	13,529.4	15,348.1	14,281.2	14,529.1	15,321.3	14,211.1	12,812.2	14,876.3	13,808.1	13,110.9	12,602.7	12,528.7	14,945.6	14,657.2
TMP		℃	0	1	187.68	188.1	188.11	188.06	188.06	188	188.22	188.34	188.62	188.13	187.06	186.13	185.84	187.02	188.41	189.18
TM1		℃	0	1	1,101.88	1,166.37	1,071.11	1,115.85	1,083.65	1,064.61	1,099.17	1,079.79	1,105.87	1,138.46	1,124.41	1,114.65	1,046.25	1,003.41	1,084.99	1,071.99
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 24일 굴뚝별 트랜드

					07-24 00:00	07-24 00:30	07-24 01:00	07-24 01:30	07-24 02:00	07-24 02:30	07-24 03:00	07-24 03:30	07-24 04:00	07-24 04:30	07-24 05:00	07-24 05:30	07-24 06:00	07-24 06:30	07-24 07:00	07-24 07:30
TSP	20	mg/Sm³	12	1	0.93	0.87	0.82	0.71	0.71	0.78	0.74	0.95	0.86	0.4	0.53	0.73	0.73	0.65	0.41	0.35
SOx	30	ppm	12	1	5.68	0	0.03	0	0	3.49	1.96	0	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	49.17	30.28	27.07	24.68	25.71	30.79	26.33	22.31	25.46	24.85	24.85	24.85	24.85	24.85	24.85	24.85
HCl	15	ppm	12	1	7.05	5.62	4.68	5.33	4.38	4.95	7.18	6.41	5.98	5.26	5.26	5.26	5.26	5.26	5.26	5.26
CO	50	ppm	12	1	0.4	0.97	0.6	0.7	0.75	0.53	0.51	0.94	1.9	1.94	1.94	1.94	1.94	1.94	1.94	1.94
O_2		%	0	0.1	10.95	9.59	8.59	9.21	9	7.89	7.58	9.9	12.18	4.6	7.68	8.53	8.05	6.76	7.63	7.11
FL1		Sm³	12	10	11,931.8	12,812.8	14,121.5	12,838.3	13,150.9	14,940.3	15,244	12,849.1	10,931.3	16,947.3	14,083.4	14,016.2	14,597.8	15,966.6	13,117.1	13,306.2
TMP		℃	0	1	189.6	189.42	189.1	189.03	188.3	188.56	189.43	189.49	189.3	186.85	186.58	187.65	188.46	189.4	188.52	186.7
TM1		℃	0	1	1,078.68	1,009.22	1,044.37	1,016.69	1,014.37	1,069.33	1,088.63	1,001.55	920.81	1,128.7	1,030.02	990.9	1,011.11	1,089.64	1,083.71	1,106.75
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

					07-24 08:00	07-24 08:30	07-24 09:00	07-24 09:30	07-24 10:00	07-24 10:30	07-24 11:00	07-24 11:30	07-24 12:00	07-24 12:30	07-24 13:00	07-24 13:30	07-24 14:00	07-24 14:30	07-24 15:00	07-24 15:30
TSP	20	mg/Sm³	12	1	0.37	0.37	0.42	0.63	0.6	0.61	0.63	0.61	0.51	0.38	0.4	0.38	0.39	0.38	0.35	0.36
SOx	30	ppm	12	1	0	0	0	0	0	0	0	9.22	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	24.85	24.78	20.02	0	0	0	0	48.14	33.37	22.32	22.13	17.26	18.28	15.42	15.16	20.09
HCl	15	ppm	12	1	5.26	5.25	4.24	0	0	0	0	6.93	3.84	3.46	6.82	6.41	4.86	4.26	3.57	3.58
CO	50	ppm	12	1	1.94	1.93	1.56	0	0	0	0	32.6	0.41	0.32	0.52	0.27	0.3	0.32	0.41	0.28
O_2		%	0	0.1	6.74	6.62	6.03	0.05	0.04	5.66	19.62	5.61	9.17	6.02	7.14	6.09	6.8	6.99	6.71	6.79
FL1		Sm³	12	10	14,105.1	14,224.1	14,099.5	9,050.06	8,992.04	9,006.22	9,108.82	10,067.9	11,741.6	15,062.8	13,824.1	14,975.8	14,182	13,902.4	14,103.2	13,915.3
TMP		℃	0	1	186.45	186.88	187.07	187.7	187.96	188.03	187.89	187.94	187.51	187.37	187.46	187.85	187.87	187.77	186.74	186.12
TM1		℃	0	1	1,102.15	1,097.24	1,095.58	1,103.28	1,085.63	1,101.43	1,082.8	1,094.22	1,094.3	1,088.69	1,037.82	1,073.15	1,050.86	1,044.05	1,041.02	1,055.12
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.45	36.41	36.43	36.41	36.43	36.44	36.44	36.44	36.44	36.41	36.44

					07-24 16:00	07-24 16:30	07-24 17:00	07-24 17:30	07-24 18:00	07-24 18:30	07-24 19:00	07-24 19:30	07-24 20:00	07-24 20:30	07-24 21:00	07-24 21:30	07-24 22:00	07-24 22:30	07-24 23:00	07-24 23:30
TSP	20	mg/Sm³	12	1	0.48	0.35	0.36	0.35	0.49	0.57	0.6	0.57	0.54	0.43	0.48	0.5	0.45	0.35	0.35	0.39
SOx	30	ppm	12	1	0	0.1	0.01	0.09	0.83	0	0	0	0	0	0	0	0	0.28	0	0.02
NOx	70	ppm	12	1	15.27	13.87	17.22	15.84	16.41	15.73	17.03	16.6	18.17	16.41	14.35	14.17	13.7	9.04	11.14	8.99
HCl	15	ppm	12	1	3.94	2.47	2.97	3.59	4.76	6.06	3.61	3.92	3.96	2.96	3.53	3.91	3.19	4.27	3.04	5.12
CO	50	ppm	12	1	0.61	14.26	0.62	0.45	0.37	0.64	0.6	0.58	0.85	0.4	0.4	0.72	2.03	25.63	9.49	0.99
O_2		%	0	0.1	10.47	6.45	6.41	5.62	6.3	7.48	7.37	6.18	8.59	5.13	6.25	7.23	5.96	6.22	5.36	6.79
FL1		Sm³	12	10	10,677.3	14,312.8	14,535.8	15,362.3	15,601	14,564.2	14,930.9	16,235.7	12,282.9	16,690.9	15,745.4	14,571.9	15,775.8	14,512.8	15,634.3	14,243.6
TMP		℃	0	1	186.08	185.06	185.19	186.82	187.92	188.81	188.08	189.09	188.82	188.02	187.8	187.95	187.89	186.75	186.72	187
TM1		℃	0	1	1,017.04	1,046.42	1,069.13	1,083.61	1,065.39	1,011.8	997.26	1,031.61	1,062.68	1,087.45	1,046.07	998.51	1,034.69	1,033.32	1,070.93	1,026.68
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	36.44	36.44	36.44	36.44	36.44

7월 25일 굴뚝별 트랜드

					07-25 00:00	07-25 00:30	07-25 01:00	07-25 01:30	07-25 02:00	07-25 02:30	07-25 03:00	07-25 03:30	07-25 04:00	07-25 04:30	07-25 05:00	07-25 05:30	07-25 06:00	07-25 06:30	07-25 07:00	07-25 07:30
TSP	20	mg/Sm³	12	1	0.62	0.47	0.44	0.39	0.37	0.52	0.5	0.45	0.65	0.47	0.48	0.47	0.46	0.49	0.44	0.34
SOx	30	ppm	12	1	0	0	0	0	0	0	0.99	0	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	13.13	7.49	9.23	8.34	12.75	16.8	18.19	14	19.21	15.39	17.93	15.85	18.7	17.11	16.91	17.91
HCl	15	ppm	12	1	4.22	4.19	4.76	4.39	2.94	4.61	5.44	6.51	5.71	5.79	5.1	6.01	3.92	3.75	4.55	3.6
CO	50	ppm	12	1	2.25	4.13	0.72	0.99	0.86	0.87	1.79	0.38	0.5	0.35	0.33	0.47	0.28	1.01	0.34	0.25
O_2		%	0	0.1	9.55	7.2	6.84	7.68	6.75	8.41	6.89	6.68	9.62	7.53	6.62	7.87	7.39	7.05	6.82	5.53
FL1		Sm³	12	10	12,190.2	14,433.7	14,562.1	12,955.8	14,113.4	13,110.8	14,892.2	14,953.7	12,088.5	14,016.2	15,291.3	13,558.1	14,046.5	14,825.6	14,511.9	15,265.7
TMP		℃	0	1	187.56	187.88	187.61	186.53	184	183.97	185.51	186.73	187.49	187.43	187.88	187.88	187.04	187.05	187.38	186.44
TM1		℃	0	1	1,007.61	998.09	1,011.59	981.46	1,025.98	976.16	1,028.94	1,043.33	1,030.95	1,032.84	1,047.1	1,010.91	1,035.81	1,043.19	1,040.03	1,099.01
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	36.44	36.44	36.44	36.44	36.44

					07-25 08:00	07-25 08:30	07-25 09:00	07-25 09:30	07-25 10:00	07-25 10:30	07-25 11:00	07-25 11:30	07-25 12:00	07-25 12:30	07-25 13:00	07-25 13:30	07-25 14:00	07-25 14:30	07-25 15:00	07-25 15:30
TSP	20	mg/Sm³	12	1	0.46	0.36	0.39	0.39	0.37	0.36	0.32	0.32	0.42	0.34	0.38	0.37	0.4	0.39	0.38	0.41
SOx	30	ppm	12	1	0	0.02	0	0.12	0.06	0	0	0.03	0	0	0.52	2.1	0.07	0.06	0.01	0
NOx	70	ppm	12	1	19.55	17.84	12.56	13.98	12.81	8.42	14	12.55	19.77	9.61	15.5	13.81	12.94	17.48	13.98	13.18
HCl	15	ppm	12	1	4.83	2.84	3.31	3.85	4.42	4.59	2.8	5.04	4.38	5.21	4.35	8.34	8.03	5.03	4.73	4.71
CO	50	ppm	12	1	0.53	0.31	0.47	0.81	2.19	0.46	0.25	0.41	6.5	0.49	0.35	1	11.68	0.35	4.36	0.87
O_2		%	0	0.1	10.55	6.37	6.3	5.31	4.99	6.87	5.21	6.25	8.22	7.31	5.47	5.39	6.33	5.89	6.05	6.62
FL1		Sm³	12	10	10,465.6	14,502	14,945	16,143.9	16,459.5	13,833.5	15,481.9	14,097.9	12,289.6	12,985.6	15,724.4	15,786.2	14,791.5	15,273	14,915.9	14,600.3
TMP		℃	0	1	185.47	184.57	185.74	187.55	188.17	186.9	186.67	187.07	187.06	186.78	186.89	188.22	188.22	187.55	187.75	187.18
TM1		℃	0	1	1,011.97	1,061.18	1,040.05	1,074.4	1,081.42	1,001.93	1,065.64	1,051.83	1,073.93	1,004.69	1,070.33	1,081.8	1,038.33	1,068.1	1,058.39	1,033.04
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	36.44	36.44	36.44	36.44	36.44

					07-25 16:00	07-25 16:30	07-25 17:00	07-25 17:30	07-25 18:00	07-25 18:30	07-25 19:00	07-25 19:30	07-25 20:00	07-25 20:30	07-25 21:00	07-25 21:30	07-25 22:00	07-25 22:30	07-25 23:00	07-25 23:30
TSP	20	mg/Sm³	12	1	0.47	0.31	0.39	0.39	0.33	0.32	0.34	0.33	0.43	0.39	0.4	0.41	0.43	0.42	0.42	0.42
SOx	30	ppm	12	1	0	0.22	0	0.09	0.31	0	0	0	0	0.12	0.23	0	0	0	0	0
NOx	70	ppm	12	1	17.06	15.03	17.24	16.24	10.92	15.52	13.61	14.53	10.52	13.02	14.21	16.1	15.27	13.33	11.96	16.09
HCl	15	ppm	12	1	4.16	2.8	3.06	3.05	4.93	3.9	3.37	3.03	4.68	3.1	6.07	4.32	4.72	4.6	5.75	4.38
CO	50	ppm	12	1	0.43	18.32	0.33	0.97	6.57	0.41	0.49	0.35	0.71	0.39	0.48	0.36	0.4	0.51	0.42	0.43
O_2		%	0	0.1	9.48	5.3	6.78	5.69	5.79	5.54	6.22	5.73	10.14	6.87	7.16	6.44	6.13	5.45	6.69	6.73
FL1		Sm³	12	10	10,972.4	14,913.8	14,278.9	15,559.8	14,761.7	14,889.6	14,300.6	14,740.9	10,546.4	13,989.8	13,838.5	14,764.3	15,454.2	16,228	14,601.8	14,521.1
TMP		℃	0	1	186.54	185.62	185.28	186.55	187.09	186.73	185.68	185.65	185.17	184.59	185.52	185.82	186.63	186.92	186.73	186.2
TM1		℃	0	1	1,034.57	1,091.39	1,072.27	1,090.29	1,066.18	1,089.07	1,061.6	1,075.07	998.18	1,022.11	1,008.13	1,037.61	1,040.93	1,065.39	1,021.81	1,022.45
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	36.44	36.44	36.44	36.44	36.44