8월 13일 굴뚝별 트랜드

					08-13 00:00	08-13 00:30	08-13 01:00	08-13 01:30	08-13 02:00	08-13 02:30	08-13 03:00	08-13 03:30	08-13 04:00	08-13 04:30	08-13 05:00	08-13 05:30	08-13 06:00	08-13 06:30	08-13 07:00	08-13 07:30
TSP	20	mg/Sm³	12	1	0.58	0.41	0.43	0.4	0.4	0.42	0.4	0.42	0.58	0.42	0.53	0.39	0.43	0.46	0.43	0.45
SOx	30	ppm	12	1	0.94	0	0	0	0.06	0	0.27	0	0.03	0.19	0.2	0.9	0	0	0	0
NOx	70	ppm	12	1	21.98	20.36	19.79	16.22	17.35	13.57	19.17	14.89	18.99	15.47	14.94	19.36	15.69	16.25	16.45	17.14
HCl	15	ppm	12	1	5.94	4.16	2.41	3.84	4.47	6.62	4.47	5.76	4.62	2.69	6.67	5.15	5.35	3.96	3.07	3.67
CO	50	ppm	12	1	0.39	0.23	0.36	0.33	0.52	0.37	0.56	0.31	15.12	11.21	0.59	2.19	0.35	0.68	0.35	0.34
O_2		%	0	0.1	9.46	6.5	5.77	6.35	5.82	7.53	5.85	7.27	8.92	4.96	6.97	5.49	7.15	7.77	6.67	6.97
FL1		Sm³	12	10	11,879.3	14,601.4	15,854.3	14,751.1	15,380.5	13,371.6	15,240	13,768.8	13,170.1	16,530.4	14,965.3	15,730.5	13,987.3	13,564.5	14,704.6	14,458.8
TMP		℃	0	1	188.59	187.22	186.16	185.7	186.91	187.24	187.08	187.1	187.29	187.19	188.26	187.93	187.19	186.43	186.38	186.54
TM1		℃	0	1	1,092.27	1,116.57	1,124.83	1,108.4	1,136.97	1,047.84	1,136.1	1,070.65	1,071.1	1,142.71	1,069.18	1,147.45	1,078.32	1,015.29	1,064.75	1,054.16
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-13 08:00	08-13 08:30	08-13 09:00	08-13 09:30	08-13 10:00	08-13 10:30	08-13 11:00	08-13 11:30	08-13 12:00	08-13 12:30	08-13 13:00	08-13 13:30	08-13 14:00	08-13 14:30	08-13 15:00	08-13 15:30
TSP	20	mg/Sm³	12	1	0.51	0.36	0.34	0.34	0.36	0.36	0.32	0.39	0.57	0.46	0.47	0.47	0.44	0.49	0.38	0.33
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.87	0
NOx	70	ppm	12	1	22.02	14.81	13.29	14.27	15.61	17.37	11.77	16.29	25.28	14.42	16.13	14.92	16.27	13.31	17.16	11.11
HCl	15	ppm	12	1	3.33	2.41	3.86	2.24	3.16	3.07	3.4	3.27	4.36	4.04	3.79	3.99	3.67	4.65	3.42	5.01
CO	50	ppm	12	1	1.17	0.32	0.36	0.75	0.2	0.21	0.3	0.5	0.19	0.32	0.32	0.88	0.46	0.48	22.8	0.32
O_2		%	0	0.1	8.71	6.3	6.43	5.82	6.42	6.13	6.45	6.5	9.6	7.65	7.41	7.95	6.67	7.8	4.79	6.71
FL1		Sm³	12	10	12,138	14,267.2	13,910.2	14,604.2	14,034.3	14,552.3	13,708.7	14,381.1	11,627.9	13,645.6	14,042.7	13,290	14,750.5	13,638.7	16,325.3	13,577.9
TMP		℃	0	1	186.69	185.87	184.94	185.11	184.69	185.56	184.9	184.99	186.19	186.46	186.23	186.02	186.55	186.53	186.87	185.86
TM1		℃	0	1	1,108.17	1,087.25	1,088.67	1,103.28	1,076.87	1,105.47	1,084.93	1,087.77	1,098.23	1,040.93	1,043.05	1,010.65	1,079.21	1,015.51	1,146.47	1,079.17
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-13 16:00	08-13 16:30	08-13 17:00	08-13 17:30	08-13 18:00	08-13 18:30	08-13 19:00	08-13 19:30	08-13 20:00	08-13 20:30	08-13 21:00	08-13 21:30	08-13 22:00	08-13 22:30	08-13 23:00	08-13 23:30
TSP	20	mg/Sm³	12	1	0.59	0.48	0.49	0.52	0.41	0.34	0.35	0.34	0.45	0.36	0.36	0.36	0.36	0.39	0.37	0.38
SOx	30	ppm	12	1	0	0	0	0	7.16	0.03	0	0.05	0	0.08	0.38	0	0.09	0	0.01	0.02
NOx	70	ppm	12	1	15.21	18.88	19.83	21.18	15.93	15.7	17.16	20.5	22.85	20.08	15.66	19.07	17.72	15.51	16.2	17.25
HCl	15	ppm	12	1	4.81	3.65	5.44	5.69	3.45	6.22	4.33	4.81	5.36	3.83	3.44	5.24	4.4	4.68	3.28	4.43
CO	50	ppm	12	1	0.7	0.95	0.79	0.88	47.22	0.53	0.17	0.18	0.24	0.22	0.59	0.2	0.49	0.38	0.25	5.42
O_2		%	0	0.1	11.2	7.63	7.82	8.54	5.78	5.72	6.04	6.6	9.4	6.19	5.53	6.16	6.24	7.43	6.01	6.52
FL1		Sm³	12	10	10,948	13,793.2	13,596	12,773.3	15,452.4	14,741.3	14,392.3	13,677.4	11,188.9	14,447	15,336.3	14,612.7	14,422.5	13,267.7	14,850.9	14,260
TMP		℃	0	1	185.71	186.23	187.02	186.98	186.39	186.04	185.26	184.95	185.11	185.08	185.7	186.08	185.91	185.43	185.6	185.99
TM1		℃	0	1	985.18	1,025.91	1,021.72	987.93	1,074.96	1,133.6	1,115.95	1,119.38	1,120.25	1,122.49	1,122.58	1,112.39	1,108.42	1,050.49	1,096.08	1,095.89
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

8월 14일 굴뚝별 트랜드

					08-14 00:00	08-14 00:30	08-14 01:00	08-14 01:30	08-14 02:00	08-14 02:30	08-14 03:00	08-14 03:30	08-14 04:00	08-14 04:30	08-14 05:00	08-14 05:30	08-14 06:00	08-14 06:30	08-14 07:00	08-14 07:30
TSP	20	mg/Sm³	12	1	0.49	0.37	0.39	0.38	0.4	0.37	0.35	0.35	0.45	0.36	0.36	0.37	0.35	0.36	0.34	0.35
SOx	30	ppm	12	1	0.56	0.14	0	0.65	0.13	0	0.13	0.04	0	0	0	0	0	0	0.04	0
NOx	70	ppm	12	1	24.25	16.03	13.08	16.56	10.56	10.95	16.08	16.48	24.17	17.22	12.88	15.43	15.52	17.73	17.8	18.6
HCl	15	ppm	12	1	4.19	3.75	5.44	3.72	5.94	3.86	3.69	4	4.11	2.97	3.48	2.84	3.64	3.25	2.9	3.92
CO	50	ppm	12	1	80.72	0.35	0.39	2.03	0.41	0.33	0.38	0.25	0.26	0.19	0.23	0.35	0.18	0.18	0.48	0.51
O_2		%	0	0.1	9.07	6.33	7.28	5.86	7.37	6.35	5.99	6.94	9.45	6.63	7.33	6.67	7.13	6.91	5.69	6.24
FL1		Sm³	12	10	11,547	14,507.8	13,382.9	15,157.5	13,420.5	14,372.1	14,561.9	13,461.8	11,211.8	13,793.5	12,961.5	13,798.5	13,172.5	13,422.9	14,785.2	14,168.9
TMP		℃	0	1	186.28	186.41	186.19	186.12	186.24	185.85	185.16	184.93	184.5	184.38	184.04	183.89	184.11	184.47	184.6	185
TM1		℃	0	1	1,114.71	1,082.17	1,037.94	1,093.87	1,036.77	1,069.02	1,115.58	1,097.74	1,102.33	1,114.38	1,070.71	1,088.25	1,084.61	1,089.33	1,140.75	1,114.79
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-14 08:00	08-14 08:30	08-14 09:00	08-14 09:30	08-14 10:00	08-14 10:30	08-14 11:00	08-14 11:30	08-14 12:00	08-14 12:30	08-14 13:00	08-14 13:30	08-14 14:00	08-14 14:30	08-14 15:00	08-14 15:30
TSP	20	mg/Sm³	12	1	0.47	0.37	0.35	0.39	0.37	0.41	0.43	0.44	0.54	0.48	0.44	0.47	0.46	0.43	0.46	0.43
SOx	30	ppm	12	1	0	0	0	0	0	0.18	0.93	0	0.67	0	0	0	0	0	0	0
NOx	70	ppm	12	1	22.58	16.39	14.43	16.84	14	19.52	11.15	19.58	21.31	12.12	13.11	11.94	12.73	13.75	11.42	15.01
HCl	15	ppm	12	1	4.59	3.1	3.71	3.15	3.94	3.03	4.17	3	4.83	5.02	3.67	4.01	2.62	3.33	3.62	2.19
CO	50	ppm	12	1	0.23	0.25	0.24	0.34	0.52	0.3	17.34	0.29	0.23	0.37	0.28	0.5	0.31	0.29	0.49	0.26
O_2		%	0	0.1	10.02	7.02	7.14	7.09	8.03	7.07	8.21	7.15	9.15	8.07	7.36	8.45	7.19	6.79	8.23	6.52
FL1		Sm³	12	10	10,573.8	13,407.3	13,116.3	13,608.5	12,241.4	13,865.9	12,237	14,112.4	11,728.4	13,132.6	13,845.3	12,659.8	14,247.4	14,512.6	12,980.3	14,915.6
TMP		℃	0	1	184.98	184.45	184.16	184.67	183.81	183.45	184.54	185.26	186.21	186.66	186.5	185.77	185.37	186.15	185.88	185.79
TM1		℃	0	1	1,090.28	1,091.59	1,090.79	1,070.02	1,048.27	1,107.23	1,056.67	1,076.1	1,116.87	1,018.01	1,042.73	996.56	1,040.48	1,069.25	1,005.87	1,060.91
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-14 16:00	08-14 16:30	08-14 17:00	08-14 17:30	08-14 18:00	08-14 18:30	08-14 19:00	08-14 19:30	08-14 20:00	08-14 20:30	08-14 21:00	08-14 21:30	08-14 22:00	08-14 22:30	08-14 23:00	08-14 23:30
TSP	20	mg/Sm³	12	1	0.52	0.42	0.38	0.42	0.38	0.37	0.4	0.39	0.54	0.41	0.4	0.42	0.37	0.42	0.4	0.42
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0.18	0	0.06	0
NOx	70	ppm	12	1	20.29	10.75	16.35	13.82	13.56	15.68	15.28	16.65	17.89	13.32	12.57	11.83	13.39	11.25	14.52	15.18
HCl	15	ppm	12	1	3.26	2.75	2.14	3.09	2.46	2.77	3.52	2.75	3.75	2.58	3.76	4.22	4.13	4.88	4.52	5.3
CO	50	ppm	12	1	0.41	2.14	0.63	0.85	0.86	1.08	0.32	0.23	0.65	0.47	0.55	0.44	1.37	1.38	0.48	0.37
O_2		%	0	0.1	9.84	7.29	6.06	7.42	5.92	5.65	7.36	6.96	10.55	6.67	6.61	6.93	6.03	7.41	6.47	6.29
FL1		Sm³	12	10	11,108.8	13,624	14,930.2	13,497	15,078.5	15,261.2	13,369.1	13,830.7	10,785.1	14,325.8	14,285.6	14,040.9	14,778.8	13,439.5	14,433.8	14,832.3
TMP		℃	0	1	185.99	185.61	184.42	184.87	185.03	185.4	184.83	184.57	185.47	185.55	185.84	186.49	186.6	186.38	186.54	187.16
TM1		℃	0	1	1,068.38	1,023.69	1,095.39	1,029.47	1,094.55	1,109.51	1,047.3	1,058.01	1,002.44	1,045.9	1,052.03	1,036.33	1,100.17	1,026.39	1,073.11	1,069.39
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

8월 15일 굴뚝별 트랜드

					08-15 00:00	08-15 00:30	08-15 01:00	08-15 01:30	08-15 02:00	08-15 02:30	08-15 03:00	08-15 03:30	08-15 04:00	08-15 04:30	08-15 05:00	08-15 05:30	08-15 06:00	08-15 06:30	08-15 07:00	08-15 07:30
TSP	20	mg/Sm³	12	1	0.52	0.4	0.39	0.37	0.4	0.38	0.4	0.39	0.52	0.37	0.4	0.35	0.37	0.38	0.45	0.43
SOx	30	ppm	12	1	0	0	0	0	0.03	0.46	0	0	0	0.45	0	0.09	0	0	0	0
NOx	70	ppm	12	1	17.91	12.91	12.64	10.94	12	11.24	14.17	13.14	16.49	11.27	9.8	12.34	8.65	11.71	11.83	14.02
HCl	15	ppm	12	1	5.94	5.18	2.98	4	3.4	4.31	3.49	4.39	3.69	2.41	4.76	3.59	4.68	3.91	3.16	3.02
CO	50	ppm	12	1	0.42	0.6	1.39	1.8	11.19	19.43	7.84	2.44	1.31	18.69	0.42	0.2	0.46	0.43	0.91	0.88
O_2		%	0	0.1	9.2	8	6.9	7.07	6.57	6.49	6.48	7.33	10.06	5.94	7.58	6.57	8.07	7.92	8.48	8.4
FL1		Sm³	12	10	11,878.7	12,527.9	13,917.4	13,455.1	14,360.1	14,217.9	14,476.4	13,298.5	11,494.2	14,906	13,091.6	13,796.8	12,191.3	12,385.7	12,435.9	12,413.3
TMP		℃	0	1	186.94	186.02	184.45	184.66	185.24	185.21	185.61	185.36	184.91	184.35	185.32	185.47	184.98	184.86	184.36	184.07
TM1		℃	0	1	1,072.4	1,005.67	1,034.77	1,043.19	1,042.27	1,065.11	1,059.46	1,036.25	1,000.03	1,075.72	1,027.73	1,087.56	1,027.1	1,040.51	978.39	977.2
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-15 08:00	08-15 08:30	08-15 09:00	08-15 09:30	08-15 10:00	08-15 10:30	08-15 11:00	08-15 11:30	08-15 12:00	08-15 12:30	08-15 13:00	08-15 13:30	08-15 14:00	08-15 14:30	08-15 15:00	08-15 15:30
TSP	20	mg/Sm³	12	1	0.65	0.68	0.69	0.71	0.66	0.66	0.63	0.61	0.82	0.61	0.63	0.63	0.63	0.59	0.63	0.63
SOx	30	ppm	12	1	0	0	0	3.27	2.74	0.27	2.16	1.19	2.14	0.04	0.14	0.11	3.58	0.25	0.61	1.9
NOx	70	ppm	12	1	20.17	18.55	17.49	19.15	19.16	19.54	17.11	20.66	26.63	19.31	20.28	17.6	19.8	16.86	22.45	17.31
HCl	15	ppm	12	1	3.37	3.47	4.79	3.44	7.11	7.82	5.17	7.52	6.2	7.24	5.18	6.89	5.25	7.58	5.21	10.56
CO	50	ppm	12	1	2.49	0.53	0.47	0.25	0.28	0.23	0.58	0.19	0.48	0.3	0.37	0.57	1.05	0.2	0.47	0.3
O_2		%	0	0.1	11.23	7.44	7.65	6.12	5.46	6.73	6.48	6.79	8.78	7.72	7.17	7.59	6.3	6.94	8.14	7.16
FL1		Sm³	12	10	11,400.2	15,050.9	14,844.5	16,976.1	17,520.3	15,777.3	16,031.9	15,502.2	13,650	14,320.8	15,096	14,564.4	16,265.4	15,255	13,897.4	15,019.2
TMP		℃	0	1	183.95	185.92	187.62	188.88	190.57	190.13	189.2	189.37	189.26	188.87	188.63	188.68	188.72	188.43	187	188.34
TM1		℃	0	1	953.71	1,021.49	1,023.01	1,105.82	1,136.42	1,087.9	1,086.03	1,088.69	1,114.18	1,053.01	1,059.44	1,057.94	1,084.93	1,076.33	1,031.82	1,077.66
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-15 16:00	08-15 16:30	08-15 17:00	08-15 17:30	08-15 18:00	08-15 18:30	08-15 19:00	08-15 19:30	08-15 20:00	08-15 20:30	08-15 21:00	08-15 21:30	08-15 22:00	08-15 22:30	08-15 23:00	08-15 23:30
TSP	20	mg/Sm³	12	1	0.75	0.45	0.46	0.48	0.44	0.46	0.49	0.44	0.57	0.49	0.49	0.49	0.45	0.5	0.46	0.48
SOx	30	ppm	12	1	10.23	3.39	0	0.11	0.43	0	0	0	0.33	0	0	0	0	0	0	0
NOx	70	ppm	12	1	23.08	28.42	19.07	19.23	19.23	18.84	15.21	16.5	23.88	15.4	18.76	19.5	17.21	13.5	16.53	12.72
HCl	15	ppm	12	1	11.64	16.02	5.59	3.43	5.26	3.93	5.25	5.61	8.25	8.1	5.54	6.97	6.93	5.98	5.4	7.41
CO	50	ppm	12	1	0.93	0.27	0.49	13.18	9.43	0.39	9.28	0.26	0.35	0.64	0.51	0.37	0.27	0.45	0.42	0.43
O_2		%	0	0.1	10.27	6.63	7.7	6.93	7.15	7.02	7.5	6.7	9.46	8.88	7.65	7.1	7.09	7.71	6.49	8.03
FL1		Sm³	12	10	12,553.6	14,784.5	13,472	14,713	13,994.5	14,395.1	13,935.5	14,563.2	11,643.7	12,153.3	13,852	14,411.1	14,180.2	13,752.6	15,013.7	13,177.5
TMP		℃	0	1	188.14	186.79	184.91	184.73	185.21	185.47	185.99	186.4	186.51	185.94	186.09	186.8	187	186.88	187.12	187.28
TM1		℃	0	1	1,050.05	1,127.47	1,066.2	1,058.82	1,088.14	1,078.17	1,046.32	1,101.71	1,106.91	1,008.61	1,035.49	1,064.74	1,082.2	1,026.8	1,083.57	1,025.21
TM3		℃	0	1	36.25	36.25	36.26	36.26	36.26	36.26	36.27	36.26	36.26	36.26	36.26	36.25	36.26	36.26	36.26	36.26