8월 10일 굴뚝별 트랜드

					08-10 00:00	08-10 00:30	08-10 01:00	08-10 01:30	08-10 02:00	08-10 02:30	08-10 03:00	08-10 03:30	08-10 04:00	08-10 04:30	08-10 05:00	08-10 05:30	08-10 06:00	08-10 06:30	08-10 07:00	08-10 07:30
TSP	20	mg/Sm³	12	1	0.69	0.5	0.44	0.45	0.4	0.39	0.41	0.36	0.45	0.34	0.33	0.35	0.36	0.36	0.4	0.39
SOx	30	ppm	12	1	0	0	0.4	0	0.58	0.6	0	0	0	0	0.2	0	0	0	0	0
NOx	70	ppm	12	1	23.41	22.3	19.59	20.28	18.1	18.02	19.14	18.01	22.8	19.44	12.55	20.39	17.45	15.27	11.83	13.03
HCl	15	ppm	12	1	4.17	3.46	4.26	4.21	4.31	4.1	4.48	4.21	4.22	3.51	3.4	2.92	3.67	2.92	3.22	2.86
CO	50	ppm	12	1	1.08	0.6	0.46	0.93	0.51	13.77	0.78	0.49	0.52	4.91	9.05	0.19	0.31	0.41	0.62	0.56
O_2		%	0	0.1	11.39	8.24	7.5	8.42	7.17	6.74	7.83	7.18	8.91	7.34	6.02	5.77	6.73	7.16	7.85	6.3
FL1		Sm³	12	10	11,366.5	13,222.9	13,809.1	12,610.2	13,850.4	14,290.4	13,040.8	13,270.8	11,424.9	12,886.4	14,480.6	15,141.7	13,885.1	13,471.1	12,936.6	14,847.7
TMP		℃	0	1	187.49	187.25	187.02	186.34	186.26	186.23	186	185.76	185.62	185.09	184.96	185.62	185.48	184.87	185.34	186.27
TM1		℃	0	1	1,007.05	1,061.22	1,092.72	1,033.33	1,066.41	1,092.73	1,040.29	1,062.12	1,082.08	1,056.47	1,089.76	1,104.41	1,081.61	1,052.8	1,002.85	1,047.91
TM3		℃	0	1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4

					08-10 08:00	08-10 08:30	08-10 09:00	08-10 09:30	08-10 10:00	08-10 10:30	08-10 11:00	08-10 11:30	08-10 12:00	08-10 12:30	08-10 13:00	08-10 13:30	08-10 14:00	08-10 14:30	08-10 15:00	08-10 15:30
TSP	20	mg/Sm³	12	1	0.51	0.39	0.36	0.35	0.31	0.31	0.32	0.32	0.41	0.32	0.42	0.37	0.35	0.36	0.3	0.31
SOx	30	ppm	12	1	0	0	0	0	0	0	0	1.06	0	0	0	0	0	0	0.49	0
NOx	70	ppm	12	1	12.77	8.03	9.33	9.6	5.06	8.19	16.72	7.87	7.01	11.36	7.88	8.72	9.59	9.46	16.04	11.75
HCl	15	ppm	12	1	4.92	3.71	4.33	3.5	3.67	2.54	3.57	8.37	7.08	3.75	4.11	3.8	4.43	5.12	5.4	5.32
CO	50	ppm	12	1	1.05	2.79	0.55	0.48	0.62	0.7	0.55	0.58	0.68	0.92	0.51	0.32	0.25	0.42	0.24	0.36
O_2		%	0	0.1	9.79	6.62	7.1	6.85	7.59	7.49	6.78	6.44	9.9	5.96	7.35	6.32	6.33	7.08	5.79	7.1
FL1		Sm³	12	10	11,176	14,221.7	13,394.4	13,431.8	11,867.3	12,335	13,963	14,146.9	10,744.3	14,465.8	13,811.2	14,601.2	14,346	13,513.3	14,230.3	12,630.4
TMP		℃	0	1	186.83	186.68	186.22	185.8	184.14	180.68	169.94	174.18	181.81	182.99	184.22	185.5	185.85	185.73	185.34	184.36
TM1		℃	0	1	1,029.46	1,040.56	1,048.05	1,046.23	993.35	997.97	1,035.47	1,053.07	1,031.42	1,099.12	1,031.27	1,056.58	1,071.43	1,055.73	1,119.06	1,060.09
TM3		℃	0	1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4

					08-10 16:00	08-10 16:30	08-10 17:00	08-10 17:30	08-10 18:00	08-10 18:30	08-10 19:00	08-10 19:30	08-10 20:00	08-10 20:30	08-10 21:00	08-10 21:30	08-10 22:00	08-10 22:30	08-10 23:00	08-10 23:30
TSP	20	mg/Sm³	12	1	0.41	0.32	0.31	0.35	0.39	0.43	0.37	0.36	0.46	0.35	0.34	0.35	0.38	0.39	0.36	0.34
SOx	30	ppm	12	1	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	20.24	13.53	16.69	15.8	12.49	14.08	11.42	14.11	17.26	17.33	16.17	15.75	14.68	10.73	14.99	7.59
HCl	15	ppm	12	1	4.2	3.73	5.39	4.97	4.45	4.41	5.18	3.82	7.06	4.39	4.5	5.4	4.1	4.65	3.55	4.69
CO	50	ppm	12	1	0.43	11.45	0.62	0.38	0.52	0.5	0.54	0.46	0.46	0.28	0.23	0.32	0.47	0.5	1.21	3.32
O_2		%	0	0.1	8.57	6.14	6.29	6.9	7.45	6.93	7.19	5.98	9.18	6.84	6.62	7	6.95	7.28	5.53	6.96
FL1		Sm³	12	10	11,271.1	14,153.5	13,745.4	13,520	13,360	14,322.5	13,416.3	14,811.6	11,138.2	13,639.1	13,774.1	13,329.7	13,763.6	13,614.8	15,336.3	13,390.6
TMP		℃	0	1	183.75	184.69	185.06	184.92	185.15	185.77	185.77	184.88	185.08	185.19	185.33	185.45	184.83	184.54	185.38	184.85
TM1		℃	0	1	1,122.28	1,093.37	1,097.27	1,068.38	1,023.42	1,033.97	1,016.67	1,066.3	1,080.85	1,071.41	1,087.65	1,076.82	1,058.01	1,023.44	1,111.9	1,026.46
TM3		℃	0	1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4

8월 11일 굴뚝별 트랜드

					08-11 00:00	08-11 00:30	08-11 01:00	08-11 01:30	08-11 02:00	08-11 02:30	08-11 03:00	08-11 03:30	08-11 04:00	08-11 04:30	08-11 05:00	08-11 05:30	08-11 06:00	08-11 06:30	08-11 07:00	08-11 07:30
TSP	20	mg/Sm³	12	1	0.42	0.32	0.38	0.34	0.36	0.34	0.38	0.36	0.49	0.38	0.41	0.35	0.38	0.38	0.44	0.45
SOx	30	ppm	12	1	0	0.03	0	0.78	0	0.36	0.03	3.61	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	15.1	13.04	9.74	16.01	11.61	10.32	8.62	12.54	14.79	14.6	13.71	12.15	13.39	16.39	11.36	16.47
HCl	15	ppm	12	1	4.68	3.92	4.36	3.33	4.29	3.79	5.08	4.19	8.5	5.14	3.87	4.64	5.03	3.03	5.31	4.99
CO	50	ppm	12	1	0.98	0.26	0.37	1.56	0.46	40.2	0.68	18.47	0.79	0.43	0.56	0.46	0.43	0.41	0.31	0.27
O_2		%	0	0.1	9.04	6.24	6.71	4.5	7.13	5.54	7.64	5.71	10.23	7.31	7.09	6.26	8	6.45	7.04	7.16
FL1		Sm³	12	10	10,848.7	13,972.5	14,087.7	16,509.5	13,343.2	15,036.4	12,908.6	15,153.6	11,006.3	13,253.5	13,912.2	14,426.4	12,530.2	14,475.7	14,246	14,213.7
TMP		℃	0	1	184.29	185.06	185.38	186.68	186.13	184.88	184.25	185.7	185.89	185.64	185.3	185.24	184.98	184.9	185.7	186.79
TM1		℃	0	1	1,090.83	1,094.73	1,056.27	1,152.19	1,042.81	1,084.66	1,017.45	1,095.12	1,021.33	1,045.01	1,031.25	1,082.61	1,029.81	1,072.12	1,056.69	1,054.45
TM3		℃	0	1	36.4	36.39	36.38	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					08-11 08:00	08-11 08:30	08-11 09:00	08-11 09:30	08-11 10:00	08-11 10:30	08-11 11:00	08-11 11:30	08-11 12:00	08-11 12:30	08-11 13:00	08-11 13:30	08-11 14:00	08-11 14:30	08-11 15:00	08-11 15:30
TSP	20	mg/Sm³	12	1	0.58	0.4	0.45	0.43	0.33	0.31	0.34	0.34	0.32	0.32	0.32	0.26	0.37	0.42	0.38	0.45
SOx	30	ppm	12	1	0	0	0	0	0.03	8.68	8.32	0	0.21	0.56	0.5	0.49	13.26	0.42	0.01	0
NOx	70	ppm	12	1	20.91	18.85	17.65	20.1	28.96	21.07	19.76	0.11	0.2	0.45	9.25	0.14	27.32	0.77	0.17	0.03
HCl	15	ppm	12	1	4.94	4.27	5.15	4.2	6.42	9.82	12.38	0.42	0.19	4.22	1.89	5.35	19.13	0.87	0.12	0.11
CO	50	ppm	12	1	0.36	0.17	0.29	0.2	0.28	28.02	26.41	0	0.02	0.31	0.37	0.03	35.92	0.21	0.03	0.02
O_2		%	0	0.1	9.34	6.3	7.69	6.48	6.34	0.3	11.22	20.91	20.77	18.02	14.67	16.91	20.32	19.01	20.93	20.91
FL1		Sm³	12	10	12,353.8	14,861.4	13,374.7	14,836.3	18,778.2	17,479.9	18,698.3	18,846.9	18,667.6	18,434.6	18,437.7	15,325.1	19,247.3	19,980.8	19,636.2	20,304.5
TMP		℃	0	1	186.68	186.17	186.36	186.5	186.34	172.91	184.22	186.37	186.38	186.13	185.94	162.18	186.88	188.03	189	188.68
TM1		℃	0	1	1,049.84	1,111.05	1,041.31	1,095.1	1,092.67	922.57	1,005.85	1,028.25	1,039.29	1,000.97	1,026.07	929.58	969.28	1,032.31	1,013.35	1,039.61
TM3		℃	0	1	36.36	36.38	36.4	36.39	36.39	33.88	36.08	36.4	36.4	36.41	36.41	31.61	36.28	36.29	36.25	36.25

					08-11 16:00	08-11 16:30	08-11 17:00	08-11 17:30	08-11 18:00	08-11 18:30	08-11 19:00	08-11 19:30	08-11 20:00	08-11 20:30	08-11 21:00	08-11 21:30	08-11 22:00	08-11 22:30	08-11 23:00	08-11 23:30
TSP	20	mg/Sm³	12	1	0.4	0.39	0.47	0.58	0.59	0.6	0.59	0.58	0.76	0.64	0.6	0.65	0.58	0.6	0.57	0.58
SOx	30	ppm	12	1	0.11	0.32	0.05	0	0	1.64	3.99	1.29	6.39	0	0	0	0	0	0.25	0.33
NOx	70	ppm	12	1	0.01	0.04	15.61	19.64	17.64	21.98	17.97	17.43	25.93	20.87	20.89	19.72	18.43	20.79	20.07	21.9
HCl	15	ppm	12	1	0.03	0	4.37	4.39	4.98	3.87	7.16	4.75	9.22	6.19	3.91	3.74	3.41	3.16	3.53	5.86
CO	50	ppm	12	1	0.01	0.01	0.57	0.39	0.58	0.58	1.09	0.4	1.16	0.39	0.35	0.35	0.45	0.42	0.57	0.24
O_2		%	0	0.1	20.91	20.91	9.81	7.4	8.11	7.06	7.83	7.09	9.36	7.49	6.48	7.36	7.23	7.66	7.62	6.65
FL1		Sm³	12	10	19,664.2	19,621.3	17,551.1	14,698	13,782.2	15,294.1	14,072.4	15,034.9	12,491.3	14,760.1	15,950.2	15,159.6	14,947.3	14,395.4	14,345.2	15,501.7
TMP		℃	0	1	188.53	188.21	187.9	188.18	188.37	188.62	188.99	188.46	189.6	189.12	188.24	187.92	187.42	186.87	186.43	188.25
TM1		℃	0	1	1,050.44	1,006.39	1,025.5	1,045.99	1,013.15	1,046.19	1,036.59	1,054.48	1,106.44	1,056.28	1,097.87	1,051.31	1,054.54	1,040.94	1,050.05	1,112.02
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 12일 굴뚝별 트랜드

					08-12 00:00	08-12 00:30	08-12 01:00	08-12 01:30	08-12 02:00	08-12 02:30	08-12 03:00	08-12 03:30	08-12 04:00	08-12 04:30	08-12 05:00	08-12 05:30	08-12 06:00	08-12 06:30	08-12 07:00	08-12 07:30
TSP	20	mg/Sm³	12	1	0.92	0.51	0.51	0.47	0.47	0.48	0.49	0.51	0.6	0.47	0.45	0.45	0.44	0.48	0.47	0.43
SOx	30	ppm	12	1	2.47	0	0	5.9	0.02	0.13	0	0	0	0	0	0	0	0	0	0.05
NOx	70	ppm	12	1	31.07	13.02	14.7	16.84	19.69	18.19	17.2	13.45	21.08	16.79	15.1	14.14	18.17	16.43	17.35	13.82
HCl	15	ppm	12	1	8.8	6.15	4.45	3.53	5.61	4.29	5.96	5.45	4.12	3.99	4.65	3.17	2.93	4.1	2.7	4.92
CO	50	ppm	12	1	0.24	0.56	0.52	46.79	0.25	0.22	0.37	0.8	0.55	0.81	0.47	0.34	0.25	0.88	0.4	0.27
O_2		%	0	0.1	8.97	7.94	7.47	5.04	6.06	6.27	7.29	8.43	9.54	6.81	7.22	7.07	6.47	8.85	7.01	6.58
FL1		Sm³	12	10	13,318.3	13,570	14,170	16,935.2	15,665	15,489.6	14,293.4	12,898.5	11,690.8	14,676.7	13,970.8	14,158.8	14,884.9	12,108.4	14,417	14,647.6
TMP		℃	0	1	190.08	189.29	188.51	188.48	188.21	187.51	188.05	187.6	187.05	187.01	186.79	186.16	185.83	185.48	185.54	186.68
TM1		℃	0	1	1,131.86	1,024.41	1,017.07	1,132.61	1,130.45	1,123.15	1,060.5	990.87	1,079.37	1,076.09	1,065.87	1,062.54	1,102.65	1,003.25	1,064.25	1,095.19
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

					08-12 08:00	08-12 08:30	08-12 09:00	08-12 09:30	08-12 10:00	08-12 10:30	08-12 11:00	08-12 11:30	08-12 12:00	08-12 12:30	08-12 13:00	08-12 13:30	08-12 14:00	08-12 14:30	08-12 15:00	08-12 15:30
TSP	20	mg/Sm³	12	1	0.56	0.41	0.44	0.43	0.47	0.47	0.46	0.45	0.56	0.31	0.33	0.33	0.33	0.47	0.43	0.44
SOx	30	ppm	12	1	0	1.12	0	0	0	0.28	0	0	4.23	1.7	0	0	0	0	1	0.39
NOx	70	ppm	12	1	18.46	20.78	16.84	14.82	13.86	18.35	19.95	20.73	31.81	16.83	20.06	17.7	11.34	17.87	20.27	18.39
HCl	15	ppm	12	1	6.1	5.51	7.41	4.34	4.2	5.68	8.18	6.01	8	12.13	4.78	4.06	3.54	3.52	8.17	6.59
CO	50	ppm	12	1	0.42	0.18	0.23	0.21	0.25	0.27	0.34	0.36	0.46	0.76	0.29	0.25	1.33	0.29	0.19	0.29
O_2		%	0	0.1	10.32	6.11	7.09	7.03	6.97	6.04	7.36	6.81	9.23	6.32	6.36	6.51	7.06	7.53	6.63	7.31
FL1		Sm³	12	10	11,545.4	15,065.3	14,031.3	14,152.8	14,472.3	15,625.3	13,966.2	14,631.5	12,089.6	13,548.7	13,982.5	13,708.8	13,061.7	13,826.7	14,661.1	13,882.3
TMP		℃	0	1	187.09	187.53	187.62	186.98	187.48	188.94	189.1	188.47	188.16	187.31	186.08	185.89	185.21	185.32	186.63	186.61
TM1		℃	0	1	1,051.93	1,122.75	1,092.61	1,073.96	1,072.71	1,100.58	1,050.81	1,080.69	1,108.9	1,113.21	1,115.83	1,110.7	1,081.47	1,071.49	1,120.59	1,084.26
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

					08-12 16:00	08-12 16:30	08-12 17:00	08-12 17:30	08-12 18:00	08-12 18:30	08-12 19:00	08-12 19:30	08-12 20:00	08-12 20:30	08-12 21:00	08-12 21:30	08-12 22:00	08-12 22:30	08-12 23:00	08-12 23:30
TSP	20	mg/Sm³	12	1	0.57	0.49	0.47	0.47	0.43	0.47	0.51	0.5	0.68	0.52	0.51	0.51	0.53	0.52	0.52	0.38
SOx	30	ppm	12	1	2.71	0	0	0	0	0.73	0	0.36	0.21	0.57	0.53	0	0	0.01	0	1.07
NOx	70	ppm	12	1	24.86	20.6	19.82	14.7	19.75	14.92	16.85	20.02	24.05	21.5	19.3	18.28	17.75	19.05	20.13	20.93
HCl	15	ppm	12	1	13.02	9.93	5.84	4.33	4.87	7.86	10.59	6.35	10.27	6.85	8.76	6.26	6.6	7.95	5.78	4.49
CO	50	ppm	12	1	0.32	0.25	0.18	0.39	0.19	0.43	0.45	0.25	0.34	0.37	0.24	0.18	0.27	0.25	0.27	0.68
O_2		%	0	0.1	10.03	6.75	7.43	8.72	7.41	8.58	8.5	6.53	10	6.48	6.47	6.65	7.44	7.2	7.34	5.44
FL1		Sm³	12	10	11,209.9	15,036.9	14,022.9	12,376.8	13,735.5	12,474.3	12,816.3	15,264.8	11,775.8	15,414.5	15,337.8	15,084.9	14,227.1	14,430.4	14,248.4	15,607.6
TMP		℃	0	1	187.1	187.88	186.9	185.14	186.09	186.8	186.99	187.27	188.11	188.58	189.31	189.24	188.64	189.32	189.08	187.68
TM1		℃	0	1	1,091.72	1,103.78	1,098.69	1,038.74	1,115.82	1,050.09	1,041.85	1,108.99	1,077.6	1,104.44	1,120.91	1,112.76	1,083.99	1,099.09	1,071.97	1,152.75
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