7월 26일 굴뚝별 트랜드

					07-26 00:00	07-26 00:30	07-26 01:00	07-26 01:30	07-26 02:00	07-26 02:30	07-26 03:00	07-26 03:30	07-26 04:00	07-26 04:30	07-26 05:00	07-26 05:30	07-26 06:00	07-26 06:30	07-26 07:00	07-26 07:30
TSP	20	mg/Sm³	12	1	0.53	0.55	0.64	0.56	0.4	0.37	0.39	0.4	0.43	0.36	0.36	0.36	0.35	0.38	0.36	0.45
SOx	30	ppm	12	1	0	0	0.37	0	0.14	4.6	3.09	0	0	0	0	0	0.07	0.87	0.03	0
NOx	70	ppm	12	1	13.3	23.78	21.59	20.37	17.4	18.14	19.34	22.5	26.02	17.56	15.48	15.39	13.24	12.74	5.08	13.09
HCl	15	ppm	12	1	6.08	5.41	7.85	8.83	4.65	6.99	7.98	5.4	4.33	3.55	3.03	3.69	4.35	3.84	6.16	3.55
CO	50	ppm	12	1	0.91	1.23	1.15	1.84	0.35	2.12	0.24	0.14	0.18	0.4	0.36	0.31	0.45	8.11	0.46	0.39
O_2		%	0	0.1	10.32	9.23	8.98	8.74	6.22	5.37	6.13	6.29	9.1	7.12	6.44	6.37	6.45	6.27	7.67	7.29
FL1		Sm³	12	10	10,834.6	12,183.3	12,805.5	12,784.8	15,036.6	15,814.7	14,983.6	14,942	11,192.8	13,467.2	14,454.8	14,345.6	14,136.8	14,814.6	12,286.8	14,181.1
TMP		℃	0	1	186.14	185.61	185.58	186.85	186.06	186.31	185.73	185.03	183.96	183.91	184.84	185.04	184.88	185.39	185.8	186.23
TM1		℃	0	1	994.62	908.89	924.47	941.1	1,053.39	1,111.33	1,100.7	1,106.99	1,113.11	1,064.33	1,051.19	1,052.13	1,068.35	1,049.16	1,007.73	1,033.09
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

					07-26 08:00	07-26 08:30	07-26 09:00	07-26 09:30	07-26 10:00	07-26 10:30	07-26 11:00	07-26 11:30	07-26 12:00	07-26 12:30	07-26 13:00	07-26 13:30	07-26 14:00	07-26 14:30	07-26 15:00	07-26 15:30
TSP	20	mg/Sm³	12	1	0.59	0.57	0.58	0.55	0.63	0.55	0.5	0.52	0.61	0.53	0.53	0.53	0.51	0.54	0.54	0.51
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0.67	0	0	0.1	0	0	0	0	0.59
NOx	70	ppm	12	1	19.11	16.12	16.17	19.64	15.98	22.51	24.91	23.52	24.72	22.96	27.69	24.89	27.36	19.02	22.48	21.3
HCl	15	ppm	12	1	5.02	4.05	4.88	3.9	4.59	3.15	3.44	5.08	4.64	3.63	3.72	4.79	3.8	3.98	3.03	5.99
CO	50	ppm	12	1	0.36	0.26	0.39	0.19	0.46	0.46	0.26	0.64	1	0.46	1.01	0.44	0.29	0.45	0.41	0.26
O_2		%	0	0.1	10.24	7.17	8.02	6.63	8.99	8.18	7.28	8.6	11.46	8.68	7.08	8.24	7.12	8.09	7.61	7.24
FL1		Sm³	12	10	11,235.6	15,061.5	14,012.6	15,686.9	12,775.7	13,742.8	14,780.9	12,989.5	10,971.3	13,032.2	15,034.1	13,555.9	14,990.7	13,851.8	14,527.7	14,783.2
TMP		℃	0	1	186.27	187.39	187.57	187.7	187.21	187.08	187.14	186.91	186.64	186.86	187.6	187.77	188.08	187.94	187.31	187.87
TM1		℃	0	1	1,047.47	1,038.53	1,012.16	1,082.12	1,005.39	1,016.41	1,077.21	1,046.39	989.5	1,027.25	1,070.99	1,040.49	1,073.66	1,023.05	1,034.86	1,062.55
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

					07-26 16:00	07-26 16:30	07-26 17:00	07-26 17:30	07-26 18:00	07-26 18:30	07-26 19:00	07-26 19:30	07-26 20:00	07-26 20:30	07-26 21:00	07-26 21:30	07-26 22:00	07-26 22:30	07-26 23:00	07-26 23:30
TSP	20	mg/Sm³	12	1	0.68	0.51	0.52	0.53	0.59	0.54	0.57	0.56	0.7	0.62	0.61	0.61	0.61	0.56	0.54	0.52
SOx	30	ppm	12	1	3.01	0	0.02	0	0	0.41	0.02	0	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	30.57	21.05	26.14	22.74	23.36	23.43	23.3	24.88	22.17	22.15	19.88	20.79	20.03	27.23	27.62	23.73
HCl	15	ppm	12	1	14.12	10.12	7.22	5.71	4.01	3.7	4.26	3.52	3.89	2.49	2.65	3.36	2.91	2.4	2.22	2.19
CO	50	ppm	12	1	0.24	0.18	0.16	0.32	0.43	0.18	0.26	0.18	0.45	0.45	0.23	0.32	0.54	0.19	0.25	0.34
O_2		%	0	0.1	9.47	7.3	6.94	7.97	8.35	6.84	7.76	7.32	11.32	8.42	7.42	7.9	8.41	7.65	7.78	8.51
FL1		Sm³	12	10	12,273.8	14,719.6	15,274.3	14,002.6	13,711.5	15,395.6	14,396.6	14,847.1	11,277.2	13,691.6	14,936.1	14,320.1	13,607.4	14,368.3	14,130.2	13,176.6
TMP		℃	0	1	189.3	190	190.06	189.4	188.23	188.62	188.73	188.52	187.53	186.89	187.62	188.58	188.62	187.53	186.41	185.37
TM1		℃	0	1	1,098.76	1,068.52	1,085.41	1,055.71	1,003.51	1,072.69	1,051.37	1,076.73	1,007.13	1,004.34	1,026.6	1,021.09	1,010.77	1,066.18	1,064.62	1,030.48
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 27일 굴뚝별 트랜드

					07-27 00:00	07-27 00:30	07-27 01:00	07-27 01:30	07-27 02:00	07-27 02:30	07-27 03:00	07-27 03:30	07-27 04:00	07-27 04:30	07-27 05:00	07-27 05:30	07-27 06:00	07-27 06:30	07-27 07:00	07-27 07:30
TSP	20	mg/Sm³	12	1	0.64	0.53	0.56	0.52	0.6	0.58	0.53	0.54	0.66	0.61	0.63	0.66	0.61	0.4	0.39	0.36
SOx	30	ppm	12	1	0	0	0.18	7.47	0	0	2.99	0.07	0	5.58	0	0	0.55	0	4.85	1.06
NOx	70	ppm	12	1	32.93	22	23.48	33.06	22.93	20.45	26.07	20.91	23.01	23.76	21.89	23.67	25.41	19.62	23.92	23.26
HCl	15	ppm	12	1	2.65	3.47	5.63	8.82	5.97	4.68	6.67	6.48	6.62	7.24	6.55	3.35	2.99	4.42	2.5	5.89
CO	50	ppm	12	1	0.28	0.31	0.35	0.08	0.52	0.5	0.16	0.34	0.41	0.26	0.36	0.32	0.24	0.16	24.48	0.19
O_2		%	0	0.1	10.6	8.35	8.45	6.38	8.42	8.16	7.03	8.42	10.47	6.83	7.49	6.9	5.49	6.46	5.25	6.08
FL1		Sm³	12	10	11,612.3	13,369.6	13,373.9	15,876.4	13,725.4	13,853.3	15,101.1	13,358.6	11,738.7	15,762	15,045	16,000.8	17,601.9	14,843.9	16,407.3	14,933.8
TMP		℃	0	1	185.64	186.7	187.62	188.75	188.04	186.98	187.4	186.85	186.67	188.03	188.35	187.66	187.89	186.68	186.23	186.92
TM1		℃	0	1	1,044.41	1,033.83	1,020.09	1,112.81	1,022.26	1,007.29	1,073.27	1,028.77	1,032.95	1,069.69	1,040.39	1,035.16	1,097.81	1,073.26	1,109.65	1,102.59
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

					07-27 08:00	07-27 08:30	07-27 09:00	07-27 09:30	07-27 10:00	07-27 10:30	07-27 11:00	07-27 11:30	07-27 12:00	07-27 12:30	07-27 13:00	07-27 13:30	07-27 14:00	07-27 14:30	07-27 15:00	07-27 15:30
TSP	20	mg/Sm³	12	1	0.59	0.51	0.51	0.56	0.56	0.56	0.51	0.5	0.6	0.62	0.59	0.42	0.42	0.44	0.36	0.4
SOx	30	ppm	12	1	0.1	1.36	0	0	0	0	2.2	4.83	0	0	0.4	0.66	0.4	0.03	0.67	7.96
NOx	70	ppm	12	1	31.4	30.02	28.43	21.5	19.36	23.68	25.93	28.22	36.94	31.87	38.38	28.38	23.38	22.57	21.03	29.85
HCl	15	ppm	12	1	6.89	6.39	4.6	4.22	3.05	2.69	5.92	9.2	6.6	3.58	3.49	5.72	3.82	3.76	3.38	3.01
CO	50	ppm	12	1	0.24	0.24	0.13	0.33	0.48	0.3	0.17	15.19	0.23	0.35	0.29	1.25	4.88	12.93	10.66	25.72
O_2		%	0	0.1	10.06	7.35	6.79	8.11	7.85	7.09	6.53	6.61	10.33	7.94	6.77	5.78	6.28	7.22	5.82	4.92
FL1		Sm³	12	10	12,101.6	14,465.8	15,262.7	13,798.5	14,141.5	15,084.5	15,478.9	15,324.6	11,752.4	14,335.3	15,761.2	15,928.1	15,248.4	14,271.6	15,217.7	16,687
TMP		℃	0	1	186.76	187.52	187.84	187.17	187.11	187.23	188.19	188.68	187.39	187.17	187.49	188.68	187.98	187.69	187.37	187.56
TM1		℃	0	1	1,064.97	1,085.35	1,090.49	1,025.6	1,004.06	1,038.65	1,092.97	1,112.87	1,086.95	1,054.79	1,078.19	1,094.19	1,068.19	1,045.11	1,101.18	1,154.49
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

					07-27 16:00	07-27 16:30	07-27 17:00	07-27 17:30	07-27 18:00	07-27 18:30	07-27 19:00	07-27 19:30	07-27 20:00	07-27 20:30	07-27 21:00	07-27 21:30	07-27 22:00	07-27 22:30	07-27 23:00	07-27 23:30
TSP	20	mg/Sm³	12	1	0.64	0.45	0.41	0.51	0.43	0.43	0.47	0.48	0.62	0.48	0.47	0.42	0.44	0.46	0.44	0.47
SOx	30	ppm	12	1	56.7	0	1.33	0	0	0.25	0.85	0.37	0.65	0	0	0	0	0	0	0
NOx	70	ppm	12	1	29.89	20.19	21.66	18.69	18.98	19.73	15.74	19.16	23.5	16.31	13.86	14.17	15.28	15.97	17.49	18.43
HCl	15	ppm	12	1	6.58	4.58	5.24	4.92	3.55	3.31	7.29	4.47	5.59	3.5	3.32	2.77	3	3.55	4.34	4.03
CO	50	ppm	12	1	158.23	1.99	2.22	0.96	0.89	0.62	0.43	4.99	0.6	0.43	0.43	0.5	0.8	0.48	0.44	0.54
O_2		%	0	0.1	6.08	7.86	6.52	8.23	6.74	5.94	6.18	4.98	9.15	6.3	6.91	6.75	6.78	6.61	6.43	7.4
FL1		Sm³	12	10	13,938.3	13,281.7	14,910.9	13,401.2	14,984.1	15,923.8	15,801.7	17,365.8	12,734.6	15,781.3	14,958.9	14,623.7	14,869.3	15,196.2	15,345.7	14,263.8
TMP		℃	0	1	188.78	187.21	186.88	187.26	186.82	186.94	188.96	189.62	189.56	188.55	187.54	186.09	185.76	187.02	186.92	186.23
TM1		℃	0	1	1,191.55	1,046.8	1,082.43	987.13	1,035.93	1,068.13	1,057.09	1,101.99	1,060.69	1,055.77	1,017.13	1,025.82	1,012.67	1,005.23	1,033.54	983.11
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 28일 굴뚝별 트랜드

					07-28 00:00	07-28 00:30	07-28 01:00	07-28 01:30	07-28 02:00	07-28 02:30	07-28 03:00	07-28 03:30	07-28 04:00	07-28 04:30	07-28 05:00	07-28 05:30	07-28 06:00	07-28 06:30	07-28 07:00	07-28 07:30
TSP	20	mg/S m³	12	1	0.53	0.41	0.41	0.41	0.39	0.41	0.39	0.43	0.57	0.5	0.44	0.44	0.58	0.57	0.39	0.42
SOx	30	ppm	12	1	0	0.85	1.09	0	0	0	0	0.65	0	0	0	0	0	0	0	0.09
NOx	70	ppm	12	1	27.56	18.1	18.5	14.78	17.55	18.31	17.48	19.25	26.88	16.5	16.93	18.17	18.87	16.12	19.22	15.69
HCl	15	ppm	12	1	3.97	3.4	3.81	4.77	2.9	3.41	3.64	5.37	6.61	5.37	4.04	2.9	3.94	3.61	3.5	2.79
CO	50	ppm	12	1	0.65	7.66	0.74	0.36	0.08	0.25	0.17	0.22	0.31	0.6	0.68	0.82	0.77	0.39	0.14	5.14
O_2		%	0	0.1	9	5.6	4.93	6.94	6.2	8.12	6.88	6.55	8.72	8.29	8.03	7.13	8.07	7.27	5.55	5.18
FL1		Sm³	12	10	12,092.4	16,033.4	16,956.3	14,331.1	14,956.4	12,746.3	14,239.9	14,980.9	12,942.1	13,276.4	13,053.6	14,350.1	13,960.1	14,971.1	15,824.7	16,702.1
TMP		℃	0	1	186.28	187.24	187.9	187.34	185.89	184.75	184.71	185.88	187.32	186.88	185.16	184.87	185.33	186.56	186.83	187.15
TM1		℃	0	1	1,072.85	1,094.99	1,122.61	1,048.95	1,095.77	1,017.95	1,064.03	1,067.46	1,084.93	974.78	962.62	1,010.38	963.5	1,007.94	1,094.84	1,096.31
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

					07-28 08:00	07-28 08:30	07-28 09:00	07-28 09:30	07-28 10:00	07-28 10:30	07-28 11:00	07-28 11:30	07-28 12:00	07-28 12:30	07-28 13:00	07-28 13:30	07-28 14:00	07-28 14:30	07-28 15:00	07-28 15:30
TSP	20	mg/S m³	12	1	0.44	0.3	0.31	0.31	0.32	0.31	0.37	0.35	0.46	0.34	0.31	0.31	0.3	0.3	0.3	0.29
SOx	30	ppm	12	1	0.13	0	0	0	0	0	0	0	0	0	0.01	0	0	0.02	0.02	0.28
NOx	70	ppm	12	1	23.71	22.43	19.63	17.34	14.11	17.63	16.5	18.84	22.84	18.39	15.48	14.54	18.97	13.76	16.53	14.92
HCl	15	ppm	12	1	4	3.14	2.35	3.05	3.37	2.52	3.5	3.32	4.79	2.68	3.06	3.15	3.28	3.25	2.69	3.59
CO	50	ppm	12	1	0.6	0.16	3.97	0.27	0.34	0.29	0.36	17.08	0.3	0.26	21.24	0.38	0.62	18.51	6.4	28.46
O_2		%	0	0.1	8.37	5.59	5.48	5.41	6.46	5.28	5.9	4.84	8.43	5.51	5	5.19	5.21	5.7	4.81	4.82
FL1		Sm³	12	10	11,442.1	14,674.4	15,092.7	15,025.8	13,863.4	15,318.2	15,177.4	16,301	12,002.1	15,312.3	15,596.2	15,301.3	15,265.9	14,562.4	15,676.7	15,579.3
TMP		℃	0	1	186.63	185.23	185.46	186.08	186.05	185.86	186.31	187.33	186.89	186.26	186.14	186.18	186.18	185.75	185.68	186.01
TM1		℃	0	1	1,126.87	1,125.59	1,098.91	1,089.24	1,044.27	1,078.96	1,056.84	1,093.38	1,084.67	1,078.11	1,095.53	1,077.62	1,087.78	1,069.45	1,096.49	1,106.93
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

					07-28 16:00	07-28 16:30	07-28 17:00	07-28 17:30	07-28 18:00	07-28 18:30	07-28 19:00	07-28 19:30	07-28 20:00	07-28 20:30	07-28 21:00	07-28 21:30	07-28 22:00	07-28 22:30	07-28 23:00	07-28 23:30
TSP	20	mg/S m³	12	1	0.44	0.33	0.37	0.37	0.34	0.33	0.32	0.35	0.45	0.35	0.32	0.31	0.33	0.34	0.32	0.31
SOx	30	ppm	12	1	1.05	0.06	0	0	0.01	0	0	0	0	0	0.02	0	0	0	0.01	0.54
NOx	70	ppm	12	1	22.47	13	8.49	12.38	13.48	13.3	12.63	7.88	11.24	11.51	11.6	17.33	14.13	8.45	12.04	9.76
HCl	15	ppm	12	1	5.27	4.57	4.88	3.19	4.07	3.84	3.58	3.95	3.88	4.08	3.05	3.39	3.66	3.36	2.92	5.24
CO	50	ppm	12	1	54.91	13.73	0.42	2.59	1.86	0.51	6.11	0.83	3.58	0.89	37.78	5.96	0.35	0.49	13.55	39.47
O_2		%	0	0.1	7.75	5.02	6.75	5.5	5.11	5.26	5.27	6.17	7.87	5.45	4.35	5.45	6.56	6.62	4.57	5.14
FL1		Sm³	12	10	12,244.2	15,802.7	14,051.2	15,758.9	15,840.6	15,506.7	15,423.9	14,609.6	12,739.6	15,503.1	16,591.6	15,065	13,845.3	14,111.4	16,438.4	15,480.7
TMP		℃	0	1	187.02	187.55	187.26	186.6	186.73	186.73	186.43	186.33	186.37	186.81	186.56	185.82	185.14	184.71	185.7	186.71
TM1		℃	0	1	1,103.16	1,084.36	1,003.5	1,044.41	1,067.22	1,062.01	1,065.33	1,027.88	1,068.97	1,060.19	1,096.47	1,090.79	1,046.63	1,018.21	1,085.62	1,065.1
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