9월 3일 굴뚝별 트랜드

					09-03 00:00	09-03 00:30	09-03 01:00	09-03 01:30	09-03 02:00	09-03 02:30	09-03 03:00	09-03 03:30	09-03 04:00	09-03 04:30	09-03 05:00	09-03 05:30	09-03 06:00	09-03 06:30	09-03 07:00	09-03 07:30
TSP	20	mg/Sm³	12	1	0.44	0.33	0.34	0.34	0.33	0.34	0.34	0.34	0.4	0.34	0.33	0.34	0.31	0.31	0.33	0.31
SOx	30	ppm	12	1	0	0	0	0	0	0	0.01	0	0	0	0	0.06	0.14	0.45	0	0.05
NOx	70	ppm	12	1	39.43	27.05	28.61	30.56	29.59	24.22	26.51	25.07	33.75	25.76	21.96	20.44	21.99	26.4	15.69	15.65
HCl	15	ppm	12	1	4.66	4.07	4.41	3.96	3.31	3.41	3.06	3.16	3.21	3.65	3.09	2.9	2.97	3.33	4.21	3.33
CO	50	ppm	12	1	0.43	0.39	0.36	0.42	0.33	0.37	0.43	0.38	0.38	0.36	0.38	0.59	0.29	0.2	0.47	0.53
O_2		%	0	0.1	10.22	7.58	7.75	8	7.73	7.86	7.44	7.57	9.48	7.93	7.62	7.89	6.92	6.49	7.47	6.71
FL1		Sm³	12	10	11,112	13,772.8	13,498.8	13,270	13,574.9	13,394.8	13,791.1	13,399.7	11,905.9	13,101.4	13,844.5	13,681.7	14,136.3	14,532.6	13,576.2	14,415.1
TMP		℃	0	1	185.03	184.94	185.22	185.16	184.75	184.43	184.82	184.24	184.17	184.31	184.56	184.37	184.01	184.57	185.22	185.26
TM1		℃	0	1	1,085.56	1,081.55	1,081.19	1,085.05	1,089.05	1,076.9	1,078.49	1,081.31	1,082.75	1,071.48	1,059.89	1,031.73	1,092.37	1,107.08	1,055.81	1,065.31
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					09-03 08:00	09-03 08:30	09-03 09:00	09-03 09:30	09-03 10:00	09-03 10:30	09-03 11:00	09-03 11:30	09-03 12:00	09-03 12:30	09-03 13:00	09-03 13:30	09-03 14:00	09-03 14:30	09-03 15:00	09-03 15:30
TSP	20	mg/Sm³	12	1	0.4	0.33	0.3	0.37	0.36	0.38	0.32	0.34	0.41	0.32	0.3	0.34	0.31	0.29	0.32	0.34
SOx	30	ppm	12	1	1.08	0	0.38	0	0	0	0.4	0	0.11	0.11	0	0	0	0	0.47	0
NOx	70	ppm	12	1	24.23	21.34	25.88	18.48	21.58	19.65	19.12	18.14	27.31	19.58	20.75	17.08	22.56	23.6	26.12	22.34
HCl	15	ppm	12	1	3.72	3.91	2.77	3.47	3.05	3.78	3.64	5.57	5.06	4.16	3.42	4.34	2.76	3.6	4.69	4.72
CO	50	ppm	12	1	1.1	0.3	1.33	0.49	0.52	0.77	0.33	0.32	4.31	2.73	0.24	0.46	1.35	1.03	0.33	0.5
O_2		%	0	0.1	8.76	7.4	6.26	8.67	8.01	8.36	6.65	7.3	8.92	6.6	6.2	8.28	7.05	6.44	7.41	8.02
FL1		Sm³	12	10	11,728.3	13,229.9	14,460.9	11,580.1	12,519.1	12,509.8	14,738.9	13,500.9	11,749.5	14,058.4	14,560.6	12,279.4	13,614.2	14,021.4	12,953	12,493.6
TMP		℃	0	1	184.85	184.86	184.26	182.64	182.05	182.07	183.56	185.48	185.23	185.39	185.6	185.19	184.13	183.85	184.99	185.09
TM1		℃	0	1	1,123.95	1,094.55	1,136.8	1,060.61	1,060.33	1,015.89	1,084.34	1,041.85	1,101.07	1,112.07	1,113.23	1,023.27	1,076.15	1,115.57	1,098.59	1,041.93
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					09-03 16:00	09-03 16:30	09-03 17:00	09-03 17:30	09-03 18:00	09-03 18:30	09-03 19:00	09-03 19:30	09-03 20:00	09-03 20:30	09-03 21:00	09-03 21:30	09-03 22:00	09-03 22:30	09-03 23:00	09-03 23:30
TSP	20	mg/Sm³	12	1	0.39	0.31	0.33	0.31	0.34	0.33	0.35	0.32	0.43	0.34	0.34	0.34	0.35	0.34	0.34	0.32
SOx	30	ppm	12	1	0	0.1	0	0	0	0.01	0	0	0	0	0.05	0	0	0	0	0
NOx	70	ppm	12	1	28.09	23.88	24.37	22.86	24.96	22.53	22.64	29.28	31.88	26.5	29.46	25.34	18.31	16.42	16.8	18.44
HCl	15	ppm	12	1	5.39	5.36	4.36	4.18	4.45	4.23	3.66	3.17	4.07	2.75	3.95	4.67	5.58	4.19	4.09	3.51
CO	50	ppm	12	1	0.29	0.1	0.22	0.11	0.19	0.2	0.26	0.1	0.26	0.34	0.33	0.36	0.46	0.41	0.54	0.23
O_2		%	0	0.1	8.91	7.19	7.65	6.79	7.58	7.21	7.65	6.54	9.91	7.18	7.22	7.29	7.37	6.8	6.72	6.52
FL1		Sm³	12	10	11,465.3	13,148	12,953.2	13,562.4	12,916.8	13,233	12,870.5	14,052.8	10,632.1	13,379.7	13,367.3	13,337.3	13,530.8	14,157.8	14,267.9	14,460.6
TMP		℃	0	1	184.71	185.8	185.95	185.55	185.84	185.82	185.32	184.95	184.48	184.11	184.49	185.1	185.46	185.43	185.23	184.86
TM1		℃	0	1	1,111	1,110.31	1,067.95	1,115.58	1,084.14	1,097.81	1,071.43	1,139.13	1,095.76	1,095.91	1,105.17	1,087.2	1,041.67	1,042.32	1,049.45	1,092.57
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

9월 4일 굴뚝별 트랜드

					09-04 00:00	09-04 00:30	09-04 01:00	09-04 01:30	09-04 02:00	09-04 02:30	09-04 03:00	09-04 03:30	09-04 04:00	09-04 04:30	09-04 05:00	09-04 05:30	09-04 06:00	09-04 06:30	09-04 07:00	09-04 07:30
TSP	20	mg/Sm³	12	1	0.42	0.34	0.35	0.35	0.33	0.31	0.33	0.34	0.4	0.36	0.33	0.32	0.34	0.32	0.32	0.36
SOx	30	ppm	12	1	0	0	0	0	0	0.86	0.14	0.24	0	0	1.3	0	0	0	0.26	0
NOx	70	ppm	12	1	25.83	28.72	26.51	23.88	17.96	21.31	20.59	25.28	31.8	22.82	31.98	26.47	23.92	23.77	24.93	21.83
HCl	15	ppm	12	1	4.39	3.33	4.02	4.23	3.64	4.72	5.61	5.41	4.22	4.38	3.62	3.63	3.85	4.02	3.87	3.99
CO	50	ppm	12	1	0.37	0.2	0.28	0.51	0.68	4.56	0.32	0.34	0.28	0.37	0.65	0.33	0.5	0.35	0.25	0.29
O_2		%	0	0.1	9.62	7.21	7.61	7.91	7.27	6.44	7.16	7.37	9.27	7.94	6.83	7.26	7.36	6.87	7.05	8.47
FL1		Sm³	12	10	11,272.1	13,587.4	13,142.4	13,021.3	13,919	14,759.6	13,863.5	13,334.5	12,049.4	13,035	14,288.4	13,912.5	13,798.4	14,243	13,888.6	12,202
TMP		℃	0	1	185.22	185.21	185.31	185.45	185.65	186.21	186.24	185.68	184.74	184.86	184.92	184.78	184.76	184.95	184.93	184.2
TM1		℃	0	1	1,091.71	1,109.85	1,088.76	1,066.01	1,058.42	1,094.59	1,083.88	1,081.94	1,091.77	1,069.18	1,118.16	1,093.71	1,079.13	1,093.03	1,101.77	1,065.48
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					09-04 08:00	09-04 08:30	09-04 09:00	09-04 09:30	09-04 10:00	09-04 10:30	09-04 11:00	09-04 11:30	09-04 12:00	09-04 12:30	09-04 13:00	09-04 13:30	09-04 14:00	09-04 14:30	09-04 15:00	09-04 15:30
TSP	20	mg/Sm³	12	1	0.41	0.33	0.32	0.31	0.26	0.26	0.26	0.23	0.25	0.28	0.24	0.24	0.25	0.24	0.24	0.24
SOx	30	ppm	12	1	0	0.06	0.35	0	0	18.27	4.93	0.32	0	15.03	1.48	0.22	6.72	0.01	0	0.06
NOx	70	ppm	12	1	32.69	31.5	29.49	34.28	27.59	41.19	43.38	70.33	54.13	57.66	54.89	71.3	64.68	58.5	41.58	54.52
HCl	15	ppm	12	1	3.55	3.36	3.87	5.97	6.48	20.54	13.13	5.8	5.24	7.75	6.04	8.29	9.26	8.27	6.71	6.21
CO	50	ppm	12	1	0.3	0.28	0.47	0.37	0.66	52.61	12.63	0.08	0.15	46.04	4.65	0.21	18.3	0.28	0.68	0.32
O_2		%	0	0.1	9.94	7.45	7.11	7.51	8.63	0.4	6.03	6.27	10.2	6.18	8.01	7.15	10.76	7.37	8.62	7.54
FL1		Sm³	12	10	11,146.6	13,628.5	13,963.3	15,684	18,363.7	19,277.9	18,446.8	16,517.7	18,010.6	18,119.7	18,289	18,335.2	18,099.3	18,210.8	18,086.9	18,632
TMP		℃	0	1	183.11	183.72	185.19	185.73	186.02	186.45	187.53	170.84	186.35	186.23	186.26	186.42	187.42	187.72	187.37	186.2
TM1		℃	0	1	1,102.95	1,105.67	1,107.92	1,082.47	1,021.26	1,098.37	1,090.73	1,029.55	1,077.81	1,027.53	1,049.63	1,094.36	1,089.69	1,087.95	1,024.87	1,059.1
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	33.08	36.26	36.23	36.23	36.22	36.23	36.23	36.23	36.24

					09-04 16:00	09-04 16:30	09-04 17:00	09-04 17:30	09-04 18:00	09-04 18:30	09-04 19:00	09-04 19:30	09-04 20:00	09-04 20:30	09-04 21:00	09-04 21:30	09-04 22:00	09-04 22:30	09-04 23:00	09-04 23:30
TSP	20	mg/Sm³	12	1	0.24	0.25	0.28	0.34	0.32	0.33	0.33	0.32	0.42	0.3	0.29	0.32	0.4	0.36	0.34	0.33
SOx	30	ppm	12	1	0.87	0	1.4	0.03	0	0.04	1	0.33	0	0	3.73	0.5	0	0	0	0.02
NOx	70	ppm	12	1	76.45	43.68	28.38	20.87	35.17	32.99	22.14	27.17	33.25	31.26	25.92	24.71	19.71	20.58	18.56	18.57
HCl	15	ppm	12	1	8.91	12.1	7.46	4.99	3.85	5.03	4.54	4.11	5.33	3.73	3.73	4.9	4.17	4.29	5.03	6.34
CO	50	ppm	12	1	0.24	0.4	3.13	0.39	0.19	0.23	13.31	3.18	0.42	0.3	17.24	1.09	1.02	0.56	0.48	0.54
O_2		%	0	0.1	9.24	7.04	6.01	7.11	6.9	7.43	7.06	6.57	9.26	6.23	5.89	7.03	9.58	8.29	7.55	6.95
FL1		Sm³	12	10	19,866.5	17,811.8	15,552.7	12,689.5	13,877.7	13,103.7	12,973.1	13,814	11,041.1	14,080	14,495.1	13,394.7	11,516.4	12,962.2	13,836.4	14,517.1
TMP		℃	0	1	187.92	188.89	187.45	186.37	185.99	186.44	185.74	185.52	185.73	185.5	185.17	185.16	185.58	185.96	186.72	187.82
TM1		℃	0	1	1,109.3	1,100.35	1,123.97	1,098.63	1,130.1	1,114.35	1,093.65	1,122.04	1,107.2	1,134.47	1,153.53	1,111.73	979.93	1,004.59	1,032.92	1,070.05
TM3		℃	0	1	36.24	36.25	36.23	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

9월 5일 굴뚝별 트랜드

					09-05 00:00	09-05 00:30	09-05 01:00	09-05 01:30	09-05 02:00	09-05 02:30	09-05 03:00	09-05 03:30	09-05 04:00	09-05 04:30	09-05 05:00	09-05 05:30	09-05 06:00	09-05 06:30	09-05 07:00	09-05 07:30
TSP	20	mg/Sm³	12	1	0.42	0.28	0.29	0.3	0.3	0.31	0.3	0.33	0.42	0.32	0.32	0.34	0.31	0.35	0.37	0.27
SOx	30	ppm	12	1	2.44	0	0	0	0	0	0	0	0	0	0	0	0	0	1.05	1.39
NOx	70	ppm	12	1	27.02	19.33	16.41	16.76	16.79	15.81	17.51	12.88	23.32	17.6	18.29	19.57	12.22	16.38	23.07	20.86
HCl	15	ppm	12	1	10.68	5.09	3.73	4.03	4.47	4.91	4.54	4.28	4.97	5.19	6.28	5.17	5.66	5.53	7.26	6.49
CO	50	ppm	12	1	1.14	2.94	2.08	0.5	0.64	0.85	0.61	0.4	0.78	1.04	1.91	0.6	0.45	0.7	9.15	14.77
O_2		%	0	0.1	9.1	5.32	6.24	6.6	6.38	6.88	6.46	7.56	10.55	7.54	7.12	7.95	6.87	8.39	8.84	4.52
FL1		Sm³	12	10	12,128.5	15,832.6	14,126.8	13,748.5	13,973.5	13,477.2	13,946.2	12,749.6	10,879.4	14,007.5	14,435.3	14,058.9	13,705.4	12,687.4	13,513.3	17,224.6
TMP		℃	0	1	188.76	188.19	185.68	185.2	185.61	185.65	184.91	184.06	184.46	185.71	186.11	186.13	185.24	185	185.53	187.01
TM1		℃	0	1	1,095.26	1,142.16	1,095.33	1,090.72	1,085.46	1,072.7	1,088.35	1,024.13	998.01	1,032.26	1,041.51	1,017.81	1,057.84	986.65	978.21	1,175.75
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					09-05 08:00	09-05 08:30	09-05 09:00	09-05 09:30	09-05 10:00	09-05 10:30	09-05 11:00	09-05 11:30	09-05 12:00	09-05 12:30	09-05 13:00	09-05 13:30	09-05 14:00	09-05 14:30	09-05 15:00	09-05 15:30
TSP	20	mg/Sm³	12	1	0.37	0.28	0.31	0.29	0.34	0.34	0.31	0.34	0.39	0.29	0.33	0.34	0.32	0.29	0.3	0.3
SOx	30	ppm	12	1	0	0	0.03	0.2	0	0	0	0	0.15	1.58	0	0	0.6	0.79	0	0
NOx	70	ppm	12	1	24.52	20.47	19.91	19.75	15.04	11.3	11.91	10.2	15.89	12.45	8.63	10.01	14.59	17.79	16.21	14.27
HCl	15	ppm	12	1	5.61	3.79	4.33	5.69	8.54	5.92	6.37	8.13	9.27	8.26	5.42	5.73	9.77	6.68	7.63	6.04
CO	50	ppm	12	1	1.99	0.18	0.42	1.01	0.5	0.72	0.5	0.73	1.32	0.86	0.74	0.54	0.67	5.9	0.46	0.18
O_2		%	0	0.1	8.11	6.04	7.35	6.37	8.09	8.22	7.25	7.88	8.82	5.57	7.2	8.23	6.93	5.59	6.15	6.21
FL1		Sm³	12	10	11,979.1	13,777.6	12,692.5	13,347.8	11,686.8	12,390.5	13,900.1	13,498.4	12,760.7	15,393.8	13,513.1	13,177.6	14,750.8	16,145.3	15,422.6	14,542.7
TMP		℃	0	1	185.34	183.88	183.48	183.31	184.04	183.53	184.43	186.18	187.3	187.77	186.52	186.03	186.8	187.73	187.94	186.95
TM1		℃	0	1	1,130.44	1,136	1,085.53	1,129.96	1,030.1	967.29	1,018.85	996.53	1,069.44	1,112.16	1,033.05	985.17	1,039.48	1,107.75	1,096.33	1,100.61
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					09-05 16:00	09-05 16:30	09-05 17:00	09-05 17:30	09-05 18:00	09-05 18:30	09-05 19:00	09-05 19:30	09-05 20:00	09-05 20:30	09-05 21:00	09-05 21:30	09-05 22:00	09-05 22:30	09-05 23:00	09-05 23:30
TSP	20	mg/Sm³	12	1	0.38	0.27	0.29	0.34	0.35	0.33	0.34	0.33	0.41	0.35	0.27	0.29	0.31	0.28	0.27	0.3
SOx	30	ppm	12	1	0	1.59	0.51	0	0	0	0	0.46	0	0	0.82	7.14	0	0	0.34	0
NOx	70	ppm	12	1	22.78	15.47	19.05	13.87	20.61	18.6	18.12	18.2	18.81	18.64	18.69	17.39	20.59	24.81	22.04	16.22
HCl	15	ppm	12	1	6.27	6.32	6.19	5.28	5.2	6.61	6.66	9.62	7.54	6.4	4.92	6.95	4.23	3.62	5.28	6.02
CO	50	ppm	12	1	0.4	23.37	1.73	0.46	0.51	0.4	0.48	1.09	0.96	0.74	8.99	20.87	0.18	0.18	2.13	3.28
O_2		%	0	0.1	8.55	4.96	5.82	8.32	8.33	7.39	7.79	7.5	10.77	8.19	4.79	5.74	7.04	6.07	5.34	6.6
FL1		Sm³	12	10	12,330.9	15,890.7	14,372.3	12,587.9	13,348.8	14,464	13,823.2	14,126.5	11,529.3	13,768.7	16,335.6	15,692.8	14,464.4	14,675.5	15,532.7	14,414.2
TMP		℃	0	1	186.02	186.47	186.49	185.36	186.12	187.57	187.55	188.3	187.33	185.67	185.81	186.79	186.1	184.28	184.89	185.99
TM1		℃	0	1	1,090.66	1,140.23	1,131.36	1,012.5	1,001.98	1,037.97	1,025.17	1,031.62	982.46	999.93	1,169.18	1,147.67	1,101.99	1,127.97	1,145.54	1,070.61
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21