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	0.60	0.46	0.43	0.48	0.44	0.43	0.43	0.44	0.59	0.44	0.44	0.47	0.43	0.46	0.48	0.45
SOx	30	ppm	12	1	0.53	0.00	1.53	0.30	0.51	0.77	1.02	0.02	0.00	0.49	0.14	0.00	0.27	0.17	0.00	0.04
NOx	70	ppm	12	1	16.29	14.79	18.53	11.20	17.78	17.12	15.75	15.31	22.64	8.98	9.45	8.42	8.43	7.87	8.16	10.66
HCl	15	ppm	12	1	6.78	3.28	3.40	5.78	3.53	4.65	5.07	5.26	5.96	3.62	5.45	4.59	3.67	5.70	4.39	3.58
CO	50	ppm	12	1	0.21	0.26	1.05	0.30	0.18	1.35	20.63	0.29	0.35	1.06	0.42	0.44	12.46	1.48	0.49	0.80
O_2		%	0	0.1	9.14	6.46	5.05	6.87	5.64	5.26	4.94	5.78	9.00	5.75	5.96	6.63	5.28	5.92	6.45	5.75
FL1		Sm³	12	10	11,091	14,560	16,255	14,217	15,807	16,292	15,856	14,769	11,573	14,790	14,382	13,852	15,617	15,161	14,285	14,953
TMP		℃	0	1	185.20	186.20	187.38	187.66	187.65	188.28	188.23	187.06	186.06	186.04	186.06	186.12	186.34	186.99	186.62	186.04
TM1		℃	0	1	1,096.40	1,073.08	1,130.76	1,053.35	1,090.35	1,109.63	1,109.69	1,085.59	1,060.82	1,070.40	1,073.14	1,035.75	1,082.41	1,072.28	1,031.14	1,077.77
TM3		℃	0	1	35.79	35.78	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75

					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	0.62	0.43	0.46	0.47	0.49	0.49	0.56	0.52	0.62	0.52	0.55	0.40	0.43	0.40	0.47	0.47
SOx	30	ppm	12	1	0.05	3.48	1.73	3.33	3.13	0.00	0.00	3.86	12.29	0.87	0.00	12.02	1.73	3.25	0.00	0.00
NOx	70	ppm	12	1	18.50	22.66	21.20	20.39	18.53	18.90	17.31	23.55	30.59	18.32	20.72	21.87	20.74	20.18	15.39	15.85
HCl	15	ppm	12	1	8.01	5.81	7.85	9.90	11.81	6.56	6.37	4.33	11.89	9.12	5.63	4.04	8.53	4.87	5.54	4.20
CO	50	ppm	12	1	0.29	0.69	0.10	0.13	0.14	0.19	0.63	1.53	40.05	0.52	0.84	50.89	0.64	7.69	0.26	0.30
O_2		%	0	0.1	9.03	4.87	6.04	6.23	6.63	7.11	8.81	7.67	8.91	7.72	8.97	4.57	5.87	4.77	7.32	7.10
FL1		Sm³	12	10	11,355	17,098	15,229	15,314	14,687	13,954	12,416	14,181	12,344	13,252	11,736	16,871	14,812	15,728	13,109	13,333
TMP		℃	0	1	186.03	187.48	187.89	187.43	187.64	187.39	186.56	187.35	188.04	187.52	185.41	183.89	185.06	185.71	185.57	185.58
TM1		℃	0	1	1,084.01	1,146.60	1,102.07	1,095.97	1,071.77	1,042.68	988.09	1,027.60	1,109.45	1,039.84	970.49	1,136.69	1,094.36	1,148.15	1,045.56	1,045.98
TM3		℃	0	1	35.75	35.75	35.75	35.77	35.77	35.77	35.79	35.79	35.78	35.78	35.75	35.76	35.75	35.75	35.75	35.75

					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	0.57	0.41	0.41	0.48	0.45	0.43	0.46	0.44	0.58	0.43	0.48	0.50	0.50	0.47	0.48	0.47
SOx	30	ppm	12	1	0.00	0.81	1.10	0.00	0.02	1.66	1.30	0.16	0.14	1.22	0.21	0.82	0.00	0.00	3.85	0.33
NOx	70	ppm	12	1	22.61	19.89	24.92	20.62	22.64	23.60	21.39	22.06	33.63	22.27	23.76	25.70	24.58	23.65	28.40	28.92
HCl	15	ppm	12	1	4.92	4.06	4.66	5.81	5.68	6.04	8.39	6.68	7.07	5.25	6.45	6.01	3.96	2.87	4.74	4.41
CO	50	ppm	12	1	0.36	0.30	0.11	0.27	0.24	0.25	0.25	0.19	0.14	0.10	0.11	0.19	0.13	0.13	24.20	0.15
O_2		%	0	0.1	9.35	5.37	5.44	7.29	6.78	6.05	6.76	6.30	8.99	5.76	7.42	7.80	7.86	7.38	6.98	6.83
FL1		Sm³	12	10	11,558	15,136	14,958	13,020	13,102	13,933	13,006	13,684	11,356	13,998	12,481	12,582	12,049	12,547	13,914	13,532
TMP		℃	0	1	185.82	186.09	186.41	186.08	185.53	185.08	184.74	184.73	184.95	184.91	184.28	184.91	184.53	184.43	185.37	185.99
TM1		℃	0	1	1,062.39	1,124.03	1,139.79	1,066.28	1,080.05	1,111.56	1,084.32	1,096.15	1,111.68	1,128.69	1,087.51	1,093.69	1,070.55	1,084.95	1,113.58	1,098.63
TM3		℃	0	1	35.75	35.75	35.75	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.69	35.67	35.66

9월5일 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	0.61	0.46	0.49	0.44	0.46	0.50	0.50	0.53	0.61	0.52	0.53	0.52	0.48	0.49	0.49	0.49
SOx	30	ppm	12	1	0.00	0.00	0.00	0.06	0.01	0.03	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	44.21	29.80	25.36	24.68	25.53	30.82	32.08	25.83	33.68	31.72	30.93	29.75	31.44	26.77	29.62	27.65
HCl	15	ppm	12	1	3.72	2.44	2.29	1.91	2.05	3.37	5.79	3.07	2.58	3.04	2.30	2.49	1.95	2.50	1.90	1.79
CO	50	ppm	12	1	0.17	0.11	0.22	12.78	1.43	0.15	0.11	0.22	0.24	0.12	0.21	0.31	0.20	0.18	0.18	0.16
O_2		%	0	0.1	9.43	6.66	7.90	6.26	6.77	7.52	7.39	8.19	9.56	7.61	7.91	7.86	6.61	7.05	7.30	7.28
FL1		Sm³	12	10	10,967	13,413	12,205	13,740	13,266	13,587	13,242	12,565	11,803	13,382	13,258	12,981	14,056	13,287	13,122	13,119
TMP		℃	0	1	185.77	185.06	184.70	184.54	184.15	184.74	185.73	185.57	185.37	186.11	186.23	185.71	185.42	185.14	184.95	184.63
TM1		℃	0	1	1,122.62	1,118.88	1,059.83	1,117.97	1,110.53	1,105.59	1,114.72	1,063.41	1,092.31	1,093.77	1,066.89	1,045.66	1,086.85	1,072.04	1,083.45	1,085.94
TM3		℃	0	1	35.65	35.67	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.75	35.73

					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	0.62	0.48	0.48	0.49	0.54	0.49	0.48	0.47	0.61	0.45	0.46	0.47	0.47	0.48	0.50	0.46
SOx	30	ppm	12	1	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00
NOx	70	ppm	12	1	39.49	29.47	27.92	28.55	26.39	31.16	28.41	25.78	22.17	26.90	26.03	25.70	25.60	27.91	25.25	27.19
HCl	15	ppm	12	1	2.24	1.72	2.19	2.15	1.99	2.06	2.03	1.95	2.35	1.71	2.20	2.26	2.15	2.43	2.23	2.07
CO	50	ppm	12	1	0.16	0.13	0.10	0.09	0.21	0.22	0.14	0.13	0.24	0.10	0.09	0.14	0.12	0.10	0.22	0.10
O_2		%	0	0.1	9.80	7.30	7.17	7.15	8.62	7.50	7.06	7.14	10.22	6.52	6.82	7.11	6.93	7.37	7.91	6.88
FL1		Sm³	12	10	10,714	13,388	13,410	13,674	12,018	13,425	13,700	13,283	10,764	14,034	13,724	13,745	13,811	12,943	12,423	13,398
TMP		℃	0	1	184.81	185.14	185.38	185.69	184.96	185.75	185.96	185.80	185.31	185.22	185.74	186.29	186.45	186.04	185.73	185.64
TM1		℃	0	1	1,095.08	1,099.85	1,106.62	1,105.41	1,066.05	1,079.89	1,098.04	1,081.43	1,048.26	1,096.84	1,091.75	1,070.84	1,082.35	1,080.05	1,058.91	1,089.60
TM3		℃	0	1	35.71	35.71	35.71	35.71	35.71	35.70	35.67	35.67	35.67	35.67	35.67	35.67	35.67	35.64	35.60	35.60

					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	0.59	0.47	0.46	0.48	0.46	0.50	0.49	0.51	0.59	0.53	0.49	0.51	0.51	0.49	0.52	0.47
SOx	30	ppm	12	1	0.00	0.00	0.02	0.00	0.30	0.00	0.00	0.00	1.75	0.00	0.39	0.00	0.00	0.00	0.00	0.03
NOx	70	ppm	12	1	33.08	25.70	27.51	29.37	27.33	27.34	25.87	23.48	36.30	26.03	24.82	22.67	24.91	26.16	19.63	24.62
HCl	15	ppm	12	1	2.44	1.90	1.65	2.00	1.68	2.40	2.19	2.44	3.32	2.91	2.64	2.17	2.58	2.23	2.38	2.03
CO	50	ppm	12	1	0.23	0.18	0.14	0.11	0.17	0.18	0.21	0.28	3.48	0.24	0.72	0.33	0.32	0.28	0.28	0.21
O_2		%	0	0.1	9.67	7.29	6.95	7.56	6.92	8.05	7.50	7.87	8.74	8.50	7.44	7.93	7.91	7.29	8.14	6.69
FL1		Sm³	12	10	10,933	13,083	13,494	12,811	13,323	12,298	12,953	12,501	11,400	11,985	12,969	12,499	12,536	13,094	12,291	14,125
TMP		℃	0	1	185.61	185.60	185.51	185.31	185.25	185.13	185.25	185.18	185.16	185.09	184.68	184.69	184.60	184.26	184.23	184.58
TM1		℃	0	1	1,080.74	1,084.49	1,085.41	1,079.19	1,115.95	1,073.37	1,066.99	1,063.71	1,130.91	1,046.25	1,093.75	1,054.13	1,064.49	1,088.75	1,043.73	1,095.94
TM3		℃	0	1	35.60	35.59	35.57	35.60	35.63	35.67	35.67	35.67	35.73	35.80	35.83	35.85	35.86	35.86	35.86	35.86

9월 6일 굴뚝별 트랜드

					09-06 00:00	09-06 00:30	09-06 01:00	09-06 01:30	09-06 02:00	09-06 02:30	09-06 03:00	09-06 03:30	09-06 04:00	09-06 04:30	09-06 05:00	09-06 05:30	09-06 06:00	09-06 06:30	09-06 07:00	09-06 07:30
TSP	20	mg/Sm³	12	1	0.63	0.52	0.52	0.47	0.49	0.46	0.51	0.47	0.62	0.49	0.52	0.49	0.54	0.47	0.50	0.47
SOx	30	ppm	12	1	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.41	0.06	1.27	0.00	0.58	2.96	0.33
NOx	70	ppm	12	1	34.28	25.82	21.58	25.40	21.48	23.91	21.53	25.82	33.21	25.41	21.06	22.10	20.35	21.83	19.01	25.33
HCl	15	ppm	12	1	3.72	2.54	2.39	1.92	2.28	1.86	2.88	1.73	2.60	2.95	1.97	4.53	2.70	2.09	8.14	3.69
CO	50	ppm	12	1	0.72	0.30	0.38	0.17	0.29	0.21	0.30	0.22	0.26	0.18	0.29	0.21	0.24	0.18	0.25	0.13
O_2		%	0	0.1	9.31	7.97	7.83	6.54	7.03	6.06	7.61	6.46	9.58	6.84	7.69	7.03	8.11	6.22	7.17	6.22
FL1		Sm³	12	10	10,843	12,628	12,741	14,281	13,744	14,792	12,925	14,316	11,768	13,656	13,044	13,820	12,387	14,796	14,078	15,075
TMP		℃	0	1	185.28	184.98	184.21	184.46	185.27	185.42	185.17	185.12	185.32	185.63	184.52	184.88	184.94	184.41	185.36	186.09
TM1		℃	0	1	1,104.36	1,046.69	1,047.42	1,099.62	1,066.68	1,101.76	1,070.68	1,099.48	1,091.15	1,098.91	1,061.95	1,095.97	1,036.65	1,105.71	1,063.69	1,104.56
TM3		℃	0	1	35.86	35.84	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83

					09-06 08:00	09-06 08:30	09-06 09:00	09-06 09:30	09-06 10:00	09-06 10:30	09-06 11:00	09-06 11:30	09-06 12:00	09-06 12:30	09-06 13:00	09-06 13:30	09-06 14:00	09-06 14:30	09-06 15:00	09-06 15:30
TSP	20	mg/Sm³	12	1	0.63	0.49	0.51	0.50	0.37	0.36	0.49	0.75	0.49	0.36	6.85	0.37	0.37	0.37	0.36	0.50
SOx	30	ppm	12	1	0.61	0.49	0.00	0.00	0.56	13.56	24.22	31.90	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	34.21	27.54	26.88	23.17	0.77	29.59	75.85	66.42	36.31	46.83	56.11	40.83	38.78	37.03	35.15	21.52
HCl	15	ppm	12	1	5.34	5.13	2.88	1.21	0.79	25.40	4.04	5.97	1.13	1.83	2.46	2.87	5.38	4.26	3.57	1.61
CO	50	ppm	12	1	0.17	0.19	0.15	0.20	0.04	34.82	64.26	79.40	2.84	0.13	0.12	0.28	0.30	0.35	0.27	0.26
O_2		%	0	0.1	9.60	7.05	7.63	7.66	13.73	2.27	5.76	0.30	5.74	8.36	8.13	7.00	5.92	6.55	6.72	7.49
FL1		Sm³	12	10	11,557	13,853	12,725	12,670	17,786	17,710	14,805	8,701	14,963	18,091	17,926	18,047	17,825	17,641	17,597	13,014
TMP		℃	0	1	186.08	186.23	185.50	184.75	185.01	185.16	185.00	185.07	185.52	185.81	186.03	186.10	185.69	185.70	185.55	185.32
TM1		℃	0	1	1,088.57	1,093.17	1,085.58	1,069.26	1,098.65	1,090.53	1,091.81	1,065.04	1,073.79	1,073.77	1,103.30	1,054.83	1,100.89	1,095.73	1,105.48	1,064.67
TM3		℃	0	1	35.83	35.83	35.83	35.83	35.83	35.79	35.80	35.80	35.79	35.86	35.87	36.21	36.22	36.24	36.24	36.23

					09-06 16:00	09-06 16:30	09-06 17:00	09-06 17:30	09-06 18:00	09-06 18:30	09-06 19:00	09-06 19:30	09-06 20:00	09-06 20:30	09-06 21:00	09-06 21:30	09-06 22:00	09-06 22:30	09-06 23:00	09-06 23:30
TSP	20	mg/Sm³	12	1	0.61	0.48	0.47	0.48	0.49	0.47	0.44	0.44	0.60	0.44	0.51	0.46	0.54	0.51	0.47	0.46
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.23	1.57	0.38	0.69	0.00	1.36	0.00	0.02	0.09	0.13
NOx	70	ppm	12	1	31.61	20.77	21.97	20.10	22.97	23.38	23.13	26.62	29.79	29.65	26.34	25.76	20.94	23.57	25.55	23.77
HCl	15	ppm	12	1	2.11	1.65	1.78	1.75	1.60	2.28	2.03	1.60	1.56	1.19	1.71	1.61	1.63	1.22	1.04	1.05
CO	50	ppm	12	1	0.30	0.25	0.22	0.22	0.24	0.20	0.13	20.55	0.79	0.77	1.04	24.25	0.34	0.39	2.12	0.13
O_2		%	0	0.1	9.66	6.94	6.69	6.93	6.88	6.24	5.38	5.47	9.29	5.71	7.75	6.09	8.26	7.69	6.10	6.50
FL1		Sm³	12	10	11,116	13,669	14,012	13,661	14,043	14,660	15,528	15,099	11,684	14,554	12,595	14,253	12,005	12,729	14,510	13,856
TMP		℃	0	1	185.63	185.73	185.80	185.72	185.80	186.34	186.57	186.10	185.63	185.49	185.42	185.36	185.13	184.81	185.03	185.21
TM1		℃	0	1	1,070.95	1,065.64	1,081.77	1,075.74	1,068.23	1,098.93	1,134.04	1,146.91	1,123.60	1,175.87	1,106.43	1,134.87	1,052.88	1,074.55	1,108.17	1,111.89
TM3		℃	0	1	36.22	36.23	36.23	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.26	36.25	36.25	36.25