1월 4일 굴뚝별 트랜드

					01-04 00:00	01-04 00:30	01-04 01:00	01-04 01:30	01-04 02:00	01-04 02:30	01-04 03:00	01-04 03:30	01-04 04:00	01-04 04:30	01-04 05:00	01-04 05:30	01-04 06:00	01-04 06:30	01-04 07:00	01-04 07:30
TSP	20	mg/Sm³	12	1	0.53	0.34	0.40	0.44	0.42	0.39	0.47	0.42	0.50	0.41	0.41	0.38	0.39	0.43	0.40	0.40
SOx	30	ppm	12	1	2.08	1.66	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.98	1.43	2.86	0.56	0.00	0.03	0.07
NOx	70	ppm	12	1	34.61	41.13	26.28	22.83	20.53	23.70	22.72	21.67	22.96	16.18	18.08	20.32	23.91	18.82	21.66	23.53
HCl	15	ppm	12	1	3.40	0.00	2.24	1.44	0.73	0.04	0.15	0.02	1.03	0.06	0.72	1.38	0.50	2.13	0.39	0.99
CO	50	ppm	12	1	0.90	0.38	0.63	1.15	0.81	0.45	1.24	1.15	1.31	0.86	0.63	0.27	0.30	0.75	0.61	0.30
O_2		%	0	0.1	11.74	5.61	7.64	8.88	8.02	7.37	9.46	8.04	10.44	7.71	7.84	6.52	7.09	8.38	7.58	7.38
FL1		Sm³	12	10	10,948	16,947	14,381	12,976	13,679	14,629	12,379	14,322	12,048	14,346	14,001	15,571	15,316	13,680	14,605	14,456
TMP		℃	0	1	182.81	182.87	183.98	183.24	181.43	181.32	182.52	181.43	181.05	180.63	180.53	182.04	183.47	183.41	182.95	182.92
TM1		℃	0	1	1,023.29	1,125.75	1,063.39	981.47	1,033.75	1,065.98	973.93	986.77	983.87	1,013.79	1,015.95	1,092.70	1,084.41	1,025.37	1,026.66	1,080.77
TM3		℃	0	1	36.46	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.46	36.47	36.46	36.46	36.46	36.46	36.47	36.46

					01-04 08:00	01-04 08:30	01-04 09:00	01-04 09:30	01-04 10:00	01-04 10:30	01-04 11:00	01-04 11:30	01-04 12:00	01-04 12:30	01-04 13:00	01-04 13:30	01-04 14:00	01-04 14:30	01-04 15:00	01-04 15:30
TSP	20	mg/Sm³	12	1	0.55	0.41	0.41	0.38	0.30	0.30	0.30	0.30	0.30	0.29	0.29	0.28	0.28	0.29	0.29	0.33
SOx	30	ppm	12	1	0.00	0.00	0.00	0.99	10.93	28.81	15.69	0.00	0.28	0.37	0.17	0.02	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	26.27	20.81	22.15	28.72	23.99	61.37	34.28	0.15	0.67	0.89	0.91	0.91	0.87	37.93	33.24	26.78
HCl	15	ppm	12	1	0.34	0.00	0.00	0.21	7.92	22.60	2.66	0.00	0.16	0.22	0.25	0.25	0.20	0.08	0.00	0.00
CO	50	ppm	12	1	0.87	0.63	0.65	0.45	29.90	78.69	43.74	0.00	0.01	0.01	0.01	0.00	0.00	1.27	0.83	0.50
O_2		%	0	0.1	11.48	8.08	7.77	6.62	9.10	0.01	15.30	21.01	20.92	20.91	20.90	20.78	20.69	9.54	8.19	7.29
FL1		Sm³	12	10	10,677	13,917	14,289	15,612	19,540	19,290	19,260	19,360	19,359	19,554	20,090	19,538	19,271	19,040	18,694	15,988
TMP		℃	0	1	182.67	181.87	182.62	183.11	183.04	182.65	182.08	182.71	182.89	182.80	183.46	183.90	182.74	182.60	181.34	179.70
TM1		℃	0	1	1,015.19	1,030.63	1,025.90	1,081.40	1,032.53	1,011.69	1,083.93	1,107.42	1,112.32	1,010.73	1,032.07	975.93	1,049.14	1,002.79	1,030.84	1,075.59
TM3		℃	0	1	36.45	36.45	36.46	36.47	36.46	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.45	36.44	36.45

					01-04 16:00	01-04 16:30	01-04 17:00	01-04 17:30	01-04 18:00	01-04 18:30	01-04 19:00	01-04 19:30	01-04 20:00	01-04 20:30	01-04 21:00	01-04 21:30	01-04 22:00	01-04 22:30	01-04 23:00	01-04 23:30
TSP	20	mg/Sm³	12	1	0.46	0.38	0.38	0.38	0.39	0.43	0.43	0.39	0.49	0.39	0.42	0.35	0.38	0.37	0.38	0.39
SOx	30	ppm	12	1	3.13	0.00	0.00	0.32	0.00	0.00	0.00	4.62	0.00	0.34	0.00	0.00	0.00	0.17	0.00	0.00
NOx	70	ppm	12	1	26.81	21.48	22.80	23.94	22.73	15.46	17.65	22.25	24.61	27.35	18.30	23.05	21.68	23.42	22.33	19.81
HCl	15	ppm	12	1	0.25	0.62	0.00	0.46	0.80	0.18	0.00	6.36	8.61	1.17	0.59	0.00	0.00	0.00	0.02	0.00
CO	50	ppm	12	1	1.00	0.55	0.45	0.36	0.40	0.72	0.67	0.41	0.55	0.32	0.51	0.27	0.36	0.39	0.39	0.58
O_2		%	0	0.1	10.04	7.99	7.87	7.45	7.78	9.11	8.94	7.56	10.51	7.71	8.42	6.44	7.42	6.94	7.58	7.76
FL1		Sm³	12	10	12,444	13,749	14,158	14,580	13,921	12,039	12,463	14,374	11,494	13,939	12,469	14,579	13,536	13,985	13,378	13,008
TMP		℃	0	1	179.75	181.34	182.06	182.67	182.97	181.84	180.17	180.94	182.69	182.91	181.55	179.68	179.90	180.78	181.33	180.84
TM1		℃	0	1	1,074.33	1,076.89	1,068.43	1,088.93	1,060.89	1,010.21	997.84	1,059.21	1,057.45	1,078.60	1,034.15	1,096.40	1,070.97	1,091.55	1,074.52	1,042.91
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

1월 5일 굴뚝별 트랜드

					01-05 00:00	01-05 00:30	01-05 01:00	01-05 01:30	01-05 02:00	01-05 02:30	01-05 03:00	01-05 03:30	01-05 04:00	01-05 04:30	01-05 05:00	01-05 05:30	01-05 06:00	01-05 06:30	01-05 07:00	01-05 07:30
TSP	20	mg/Sm³	12	1	1.02	0.38	0.37	0.39	0.37	0.40	0.41	0.35	0.47	0.36	0.39	0.40	0.37	0.37	0.42	0.34
SOx	30	ppm	12	1	1.35	0.46	0.17	0.08	0.00	0.02	0.05	0.00	0.00	0.54	0.00	0.00	4.77	0.53	0.00	1.51
NOx	70	ppm	12	1	21.69	17.27	20.33	18.69	24.55	20.55	18.29	19.49	22.07	24.24	19.22	18.03	20.09	21.34	21.49	22.18
HCl	15	ppm	12	1	0.67	3.71	1.61	1.19	0.17	0.22	0.39	0.08	0.49	0.49	0.39	0.19	0.62	1.44	0.72	0.51
CO	50	ppm	12	1	0.82	0.43	0.30	0.25	0.22	0.37	0.58	0.32	0.44	0.34	0.29	0.46	1.27	0.26	0.42	0.41
O_2		%	0	0.1	9.01	7.28	7.10	7.62	7.06	7.88	8.38	6.34	9.69	6.67	7.66	8.07	6.82	7.00	8.73	5.69
FL1		Sm³	12	10	12,249	13,770	13,743	13,047	13,832	13,001	12,516	14,820	11,730	14,361	13,314	12,883	14,560	14,078	12,170	15,439
TMP		℃	0	1	180.25	181.14	181.45	180.55	180.80	181.02	180.62	180.29	181.46	182.36	182.42	181.72	179.87	180.54	181.40	180.87
TM1		℃	0	1	1,066.15	1,061.25	1,078.87	1,095.08	1,100.61	1,055.96	1,022.83	1,070.61	1,056.80	1,111.99	1,064.63	1,036.81	1,066.87	1,101.03	1,032.43	1,123.85
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

					01-05 08:00	01-05 08:30	01-05 09:00	01-05 09:30	01-05 10:00	01-05 10:30	01-05 11:00	01-05 11:30	01-05 12:00	01-05 12:30	01-05 13:00	01-05 13:30	01-05 14:00	01-05 14:30	01-05 15:00	01-05 15:30
TSP	20	mg/Sm³	12	1	0.44	0.42	0.34	0.35	0.40	0.37	0.40	0.35	0.47	0.36	0.35	0.39	0.40	0.33	0.34	0.36
SOx	30	ppm	12	1	1.11	0.19	1.21	0.21	0.08	2.26	0.11	0.94	0.00	0.00	7.07	0.05	0.38	0.26	7.06	0.02
NOx	70	ppm	12	1	24.67	19.83	21.76	24.74	19.15	22.62	21.42	24.54	25.91	20.22	18.47	16.19	15.10	22.59	21.26	22.29
HCl	15	ppm	12	1	0.98	1.08	0.59	0.06	1.39	0.64	3.34	4.80	3.64	0.01	0.75	1.73	1.75	0.31	5.08	1.61
CO	50	ppm	12	1	1.38	0.58	16.88	0.32	0.36	0.36	0.45	0.32	0.47	0.30	29.96	3.65	2.54	0.31	13.83	0.21
O_2		%	0	0.1	8.66	8.61	5.86	6.21	7.85	6.84	8.00	6.57	10.54	7.41	6.78	8.23	8.43	6.27	6.12	7.32
FL1		Sm³	12	10	12,852	12,281	15,129	14,998	12,970	14,316	13,072	14,522	11,159	13,544	14,287	12,739	12,291	14,802	14,978	13,590
TMP		℃	0	1	182.04	182.10	181.02	182.10	182.47	181.82	181.25	181.03	181.09	180.19	180.30	181.05	182.03	180.85	181.81	181.78
TM1		℃	0	1	1,098.12	1,043.97	1,100.73	1,085.87	1,092.20	1,047.87	1,033.73	1,056.71	1,040.49	1,042.41	1,029.97	1,030.68	1,042.29	1,058.39	1,097.05	1,093.33
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.45	36.46	36.46	36.46	36.47	36.47	36.47

					01-05 16:00	01-05 16:30	01-05 17:00	01-05 17:30	01-05 18:00	01-05 18:30	01-05 19:00	01-05 19:30	01-05 20:00	01-05 20:30	01-05 21:00	01-05 21:30	01-05 22:00	01-05 22:30	01-05 23:00	01-05 23:30
TSP	20	mg/Sm³	12	1	0.44	0.35	0.38	0.37	0.34	0.37	0.36	0.36	0.46	0.42	0.35	0.39	0.39	0.38	0.39	0.36
SOx	30	ppm	12	1	0.64	0.79	0.46	2.54	0.41	0.13	0.00	0.00	0.22	0.18	3.94	0.68	0.13	0.00	0.00	0.61
NOx	70	ppm	12	1	26.44	23.46	23.52	19.89	24.87	20.83	20.53	21.30	27.15	17.43	24.05	22.76	22.48	23.03	19.13	23.65
HCl	15	ppm	12	1	0.46	0.68	1.46	1.92	0.55	0.89	0.58	0.43	0.68	4.72	7.27	6.32	2.10	2.17	3.08	1.23
CO	50	ppm	12	1	13.42	0.17	0.29	12.08	0.44	0.48	0.47	0.45	0.43	0.93	0.30	0.35	10.52	0.32	0.45	1.71
O_2		%	0	0.1	9.14	6.98	7.96	7.10	6.73	7.67	7.17	7.24	9.92	8.88	6.61	7.76	7.62	7.67	7.92	6.57
FL1		Sm³	12	10	12,061	13,750	12,734	13,626	14,120	13,294	13,792	13,673	11,451	12,356	14,701	13,458	13,575	13,582	13,166	14,951
TMP		℃	0	1	180.74	180.85	181.36	181.34	181.13	181.31	181.73	182.03	181.65	181.52	181.11	181.41	181.34	181.46	181.69	182.04
TM1		℃	0	1	1,065.39	1,102.44	1,084.83	1,096.12	1,114.21	1,075.67	1,085.84	1,087.29	1,079.89	1,013.04	1,100.83	1,080.10	1,075.62	1,073.56	1,067.45	1,084.89
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.46	36.46	36.45	36.45	36.45	36.45	36.45	36.45	36.44	36.45	36.45	36.45

1월 6일 굴뚝별 트랜드

					01-06 00:00	01-06 00:30	01-06 01:00	01-06 01:30	01-06 02:00	01-06 02:30	01-06 03:00	01-06 03:30	01-06 04:00	01-06 04:30	01-06 05:00	01-06 05:30	01-06 06:00	01-06 06:30	01-06 07:00	01-06 07:30
TSP	20	mg/Sm³	12	1	0.46	0.39	0.40	0.36	0.34	0.37	0.34	0.38	0.50	0.37	0.39	0.37	0.34	0.37	0.40	0.36
SOx	30	ppm	12	1	1.07	2.73	0.00	0.02	0.00	0.04	0.09	0.06	0.51	0.00	0.00	0.00	0.06	0.10	0.41	0.53
NOx	70	ppm	12	1	23.27	19.86	18.33	14.78	17.41	18.08	18.40	19.57	21.76	15.41	14.71	17.21	19.65	18.86	20.98	19.73
HCl	15	ppm	12	1	2.79	5.36	2.81	0.86	0.30	1.49	0.00	0.69	0.70	0.03	0.57	1.36	0.43	1.96	2.30	3.04
CO	50	ppm	12	1	0.95	0.70	1.18	1.06	0.69	0.70	0.51	0.55	0.77	0.62	0.59	0.57	0.33	0.42	0.56	0.48
O_2		%	0	0.1	9.72	7.35	7.82	6.71	5.88	6.92	5.89	7.04	10.35	6.67	7.35	6.74	5.64	6.43	7.53	6.24
FL1		Sm³	12	10	12,433	14,102	13,997	14,970	15,484	14,078	15,373	13,954	10,781	14,458	13,593	14,007	15,601	14,650	13,925	15,584
TMP		℃	0	1	182.32	181.66	181.91	182.14	182.32	180.94	180.16	180.84	181.09	180.43	179.54	178.67	179.57	181.42	182.08	182.73
TM1		℃	0	1	1,051.70	1,057.16	995.85	1,039.11	1,082.05	1,062.61	1,091.85	1,062.49	1,053.86	1,036.33	1,030.23	1,079.43	1,094.77	1,106.44	1,040.81	1,080.31
TM3		℃	0	1	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.46	36.45	36.45	36.44	36.44	36.44

					01-06 08:00	01-06 08:30	01-06 09:00	01-06 09:30	01-06 10:00	01-06 10:30	01-06 11:00	01-06 11:30	01-06 12:00	01-06 12:30	01-06 13:00	01-06 13:30	01-06 14:00	01-06 14:30	01-06 15:00	01-06 15:30
TSP	20	mg/Sm³	12	1	0.48	0.40	0.43	0.38	0.44	0.36	0.44	0.38	0.48	0.42	0.37	0.38	0.37	0.37	0.40	0.37
SOx	30	ppm	12	1	0.00	0.00	0.00	0.22	0.10	0.04	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.14	0.11	0.00
NOx	70	ppm	12	1	30.55	18.68	20.84	21.53	18.13	23.74	17.79	18.51	25.74	18.78	24.23	22.21	19.15	20.64	13.22	18.32
HCl	15	ppm	12	1	3.53	0.41	0.86	0.43	1.87	1.10	1.96	1.00	1.33	0.26	0.00	0.00	0.34	0.51	0.72	0.31
CO	50	ppm	12	1	0.43	0.51	0.72	0.44	0.90	0.34	0.83	0.42	0.52	0.31	0.23	0.36	0.49	20.23	9.67	0.89
O_2		%	0	0.1	8.76	7.80	8.53	7.25	8.78	6.40	9.04	7.03	9.18	8.21	7.06	7.48	7.33	6.99	8.05	7.14
FL1		Sm³	12	10	12,250	13,413	12,550	13,853	12,114	15,010	12,118	14,276	11,890	12,435	13,877	13,713	13,801	14,228	12,993	13,934
TMP		℃	0	1	182.78	182.09	180.61	179.31	179.06	179.76	180.64	179.82	179.79	180.00	179.65	180.43	181.40	180.80	182.40	182.18
TM1		℃	0	1	1,106.99	1,046.93	1,009.46	1,064.81	1,045.11	1,106.09	998.84	1,037.73	1,066.65	1,059.61	1,087.61	1,065.97	1,056.63	1,038.50	1,045.29	1,058.54
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.45	36.45	36.46	36.46	36.46	36.46	36.46	36.46	36.46

					01-06 16:00	01-06 16:30	01-06 17:00	01-06 17:30	01-06 18:00	01-06 18:30	01-06 19:00	01-06 19:30	01-06 20:00	01-06 20:30	01-06 21:00	01-06 21:30	01-06 22:00	01-06 22:30	01-06 23:00	01-06 23:30
TSP	20	mg/Sm³	12	1	0.46	0.35	0.36	0.40	0.38	0.41	0.40	0.36	0.48	0.40	0.40	0.36	0.41	0.37	0.38	0.42
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	2.22	0.03	0.27	6.16	0.00	0.00	0.00	0.13	0.00	0.09	0.00	0.00
NOx	70	ppm	12	1	19.41	18.14	19.03	19.17	24.71	21.44	19.75	19.13	26.84	23.27	17.99	19.76	20.34	20.57	21.19	21.32
HCl	15	ppm	12	1	1.34	0.07	0.05	0.78	2.86	2.97	0.95	1.18	1.27	0.00	0.07	0.48	0.94	0.03	0.54	0.25
CO	50	ppm	12	1	1.16	0.43	0.38	0.57	0.40	0.50	0.76	28.59	0.95	0.75	0.88	0.61	0.78	0.55	0.35	0.56
O_2		%	0	0.1	10.50	6.70	7.00	8.25	7.36	8.21	7.64	6.17	9.47	7.67	7.65	6.23	7.52	6.27	6.83	7.74
FL1		Sm³	12	10	11,506	14,449	14,121	12,641	14,634	13,593	14,289	15,418	11,556	13,655	13,623	15,293	13,748	15,353	14,564	13,707
TMP		℃	0	1	180.70	180.18	182.03	181.94	181.26	182.66	183.55	182.64	181.99	181.90	181.01	181.33	181.97	181.89	182.01	181.86
TM1		℃	0	1	992.31	1,070.04	1,068.38	1,053.77	1,077.67	1,059.73	1,060.12	1,086.81	1,072.34	1,031.57	1,025.45	1,089.09	1,038.23	1,079.93	1,087.31	1,048.62
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.46	36.46	36.46	36.46	36.47	36.46	36.46	36.47	36.46	36.46