2월 1일 굴뚝별 트랜드

					02-01 00:00	02-01 00:30	02-01 01:00	02-01 01:30	02-01 02:00	02-01 02:30	02-01 03:00	02-01 03:30	02-01 04:00	02-01 04:30	02-01 05:00	02-01 05:30	02-01 06:00	02-01 06:30	02-01 07:00	02-01 07:30
TSP	20	mg/S m³	12	1	0.79	0.60	0.61	0.65	0.57	0.60	0.60	0.62	0.78	0.60	0.65	0.64	0.60	0.64	0.67	0.68
SOx	30	ppm	12	1	0.00	0.00	2.67	0.88	0.38	0.00	0.00	0.00	1.13	0.66	0.00	0.00	0.00	0.00	1.61	5.22
NOx	70	ppm	12	1	14.35	12.23	11.80	9.68	12.04	10.03	12.80	12.41	15.15	16.11	15.52	10.05	13.28	12.33	12.67	14.01
HCl	15	ppm	12	1	2.26	0.00	0.27	1.21	0.21	0.93	0.87	0.98	3.77	0.00	0.08	0.09	0.02	0.39	1.54	5.17
CO	50	ppm	12	1	0.60	0.37	10.55	14.40	21.62	0.54	0.35	10.28	10.07	0.28	0.33	0.50	0.54	0.52	0.53	0.52
O_2		%	0	0.1	9.27	6.67	6.38	7.38	5.61	6.36	6.36	6.96	8.72	6.02	7.18	7.24	6.25	7.06	7.67	7.61
FL1		Sm³	12	10	11,716	14,102	14,335	13,396	15,653	14,578	14,518	13,979	12,808	15,326	13,914	13,929	15,084	14,193	13,855	13,743
TMP		℃	0	1	185.66	185.40	185.14	184.86	185.12	185.55	185.65	185.38	185.54	186.15	186.28	185.63	185.78	186.10	185.76	186.32
TM1		℃	0	1	1,047.79	1,057.57	1,073.19	1,050.07	1,063.71	1,066.28	1,064.49	1,054.04	1,054.87	1,075.19	1,047.83	1,029.69	1,057.39	1,033.56	1,034.67	1,055.23
TM3		℃	0	1	36.40	36.41	36.43	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

					02-01 08:00	02-01 08:30	02-01 09:00	02-01 09:30	02-01 10:00	02-01 10:30	02-01 11:00	02-01 11:30	02-01 12:00	02-01 12:30	02-01 13:00	02-01 13:30	02-01 14:00	02-01 14:30	02-01 15:00	02-01 15:30
TSP	20	mg/S m³	12	1	0.82	0.64	0.60	0.61	0.57	0.60	0.61	0.58	0.78	0.57	0.56	0.57	0.63	0.59	0.56	0.56
SOx	30	ppm	12	1	0.00	0.00	0.36	0.06	1.75	0.00	0.00	0.00	0.00	0.01	0.00	0.97	0.34	4.08	0.01	0.47
NOx	70	ppm	12	1	16.94	11.87	11.13	16.16	12.60	10.96	7.72	9.40	15.88	11.52	11.57	6.72	8.10	15.93	11.68	8.77
HCl	15	ppm	12	1	7.31	0.00	0.00	0.00	0.07	0.78	0.38	0.20	3.18	0.00	0.00	0.01	1.07	2.94	2.47	0.68
CO	50	ppm	12	1	0.44	1.06	9.14	0.32	0.78	0.45	0.56	1.01	0.58	0.59	0.43	7.01	1.98	9.35	0.42	23.41
O_2		%	0	0.1	9.30	6.97	6.04	6.53	5.67	6.44	6.72	6.10	9.02	5.80	5.74	5.91	7.23	6.37	5.99	5.79
FL1		Sm³	12	10	11,358	14,478	15,250	14,781	15,956	14,851	14,662	15,146	11,994	15,495	15,609	15,240	13,392	15,622	15,224	15,664
TMP		℃	0	1	185.71	185.63	186.40	186.72	186.48	186.83	186.71	186.42	186.65	186.54	186.87	186.74	186.10	186.59	186.98	186.77
TM1		℃	0	1	1,066.91	1,034.53	1,078.01	1,077.76	1,076.13	1,050.23	1,018.94	1,046.58	1,049.65	1,055.42	1,065.97	1,057.69	1,043.37	1,091.04	1,072.64	1,072.13
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.43	36.41	36.41	36.41	36.41	36.41	36.41	36.40	36.40	36.40	36.40	36.41

					02-01 16:00	02-01 16:30	02-01 17:00	02-01 17:30	02-01 18:00	02-01 18:30	02-01 19:00	02-01 19:30	02-01 20:00	02-01 20:30	02-01 21:00	02-01 21:30	02-01 22:00	02-01 22:30	02-01 23:00	02-01 23:30
TSP	20	mg/S m³	12	1	0.75	0.61	0.54	0.57	0.62	0.61	0.61	0.59	0.78	0.68	0.61	0.62	0.65	0.66	0.66	0.59
SOx	30	ppm	12	1	1.59	0.00	1.55	3.27	7.86	0.38	0.00	0.67	0.00	0.00	0.10	0.00	0.00	0.01	0.20	0.00
NOx	70	ppm	12	1	11.28	7.55	14.57	13.49	12.45	9.91	7.77	14.70	13.85	7.54	10.89	12.33	12.93	11.28	12.98	13.25
HCl	15	ppm	12	1	4.01	0.00	0.00	0.61	4.68	2.91	2.43	3.05	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	81.31	0.84	0.30	0.37	16.07	0.57	0.53	0.34	0.72	0.96	0.71	0.57	0.37	0.67	0.46	0.32
O_2		%	0	0.1	9.89	7.14	5.62	6.15	7.07	6.95	6.88	6.62	10.13	8.18	6.75	7.12	7.34	7.74	7.60	6.06
FL1		Sm³	12	10	11,699	13,698	15,454	15,134	14,272	14,564	14,312	14,375	11,808	12,897	14,563	14,338	13,884	13,217	13,512	15,317
TMP		℃	0	1	185.77	185.52	185.66	186.50	186.80	187.12	186.98	186.49	186.10	185.92	185.71	185.99	186.12	184.74	184.87	185.99
TM1		℃	0	1	1,046.69	1,050.54	1,087.83	1,078.57	1,058.53	1,036.09	1,012.59	1,062.34	1,011.89	990.83	1,040.70	1,039.01	1,062.99	1,021.45	1,040.07	1,049.91
TM3		℃	0	1	36.42	36.43	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.43	36.40	36.40	36.40	36.41

2월 2일 굴뚝별 트랜드

					02-02 00:00	02-02 00:30	02-02 01:00	02-02 01:30	02-02 02:00	02-02 02:30	02-02 03:00	02-02 03:30	02-02 04:00	02-02 04:30	02-02 05:00	02-02 05:30	02-02 06:00	02-02 06:30	02-02 07:00	02-02 07:30
TSP	20	mg/Sm³	12	1	0.80	0.65	0.67	0.60	0.62	0.64	0.63	0.65	0.84	0.61	0.73	0.65	0.66	0.67	0.77	0.58
SOx	30	ppm	12	1	0.00	0.21	0.00	0.31	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.25	0.00	1.91	0.00	3.32
NOx	70	ppm	12	1	15.82	11.04	11.19	11.88	13.17	11.37	10.49	10.03	12.22	12.75	9.38	12.13	10.96	11.10	7.65	16.48
HCl	15	ppm	12	1	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.46	0.40	0.66	2.59	0.55	0.59	0.62	0.70	0.79	0.35	1.17	0.50	0.34	10.27	1.16	1.11
O_2		%	0	0.1	9.84	7.35	7.77	6.12	6.58	7.08	6.80	7.16	10.52	6.43	8.72	7.28	7.53	7.61	9.22	5.45
FL1		Sm³	12	10	11,478	13,693	13,346	15,299	14,880	14,314	14,878	14,073	11,091	15,027	12,395	13,874	13,429	13,420	11,629	16,151
TMP		℃	0	1	186.26	185.83	185.67	186.31	186.97	186.78	186.62	186.98	186.42	186.32	185.90	185.60	185.65	185.47	184.91	185.45
TM1		℃	0	1	1,049.53	1,049.01	1,019.24	1,051.91	1,037.09	1,025.81	1,014.52	1,029.10	1,007.23	1,054.32	970.36	1,047.65	1,032.51	1,031.82	988.77	1,084.67
TM3		℃	0	1	36.41	36.40	36.40	36.41	36.40	36.41	36.40	36.41	36.40	36.40	36.40	36.40	36.41	36.40	36.40	36.40

					02-02 08:00	02-02 08:30	02-02 09:00	02-02 09:30	02-02 10:00	02-02 10:30	02-02 11:00	02-02 11:30	02-02 12:00	02-02 12:30	02-02 13:00	02-02 13:30	02-02 14:00	02-02 14:30	02-02 15:00	02-02 15:30
TSP	20	mg/Sm³	12	1	0.87	0.63	0.57	0.62	0.59	0.61	0.61	0.58	0.79	0.65	0.57	0.61	0.61	0.63	0.54	0.65
SOx	30	ppm	12	1	0.17	0.00	10.20	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00	9.64	2.43
NOx	70	ppm	12	1	17.81	16.60	15.15	15.28	16.34	11.96	12.26	12.19	18.85	10.12	17.39	12.29	12.97	11.69	12.52	10.39
HCl	15	ppm	12	1	0.64	0.00	0.10	0.37	0.00	0.24	0.43	0.23	2.17	0.00	0.00	0.00	0.00	0.00	0.09	2.44
CO	50	ppm	12	1	0.68	0.35	26.21	0.50	0.41	0.56	0.61	0.47	0.58	0.63	0.32	0.45	1.58	0.50	30.01	10.79
O_2		%	0	0.1	10.20	6.89	5.46	6.99	6.27	6.65	6.76	5.83	9.67	7.74	6.08	6.86	7.04	7.45	5.49	7.66
FL1		Sm³	12	10	10,658	14,303	15,982	14,225	15,165	14,552	14,583	15,584	11,497	13,066	15,060	14,241	13,996	13,452	15,749	13,343
TMP		℃	0	1	186.71	186.15	186.08	186.84	186.86	186.78	186.74	186.97	187.20	186.43	186.24	186.77	186.91	186.40	186.60	187.00
TM1		℃	0	1	1,052.43	1,048.17	1,083.24	1,060.97	1,057.06	1,062.66	1,036.99	1,061.40	1,045.11	1,025.98	1,081.80	1,043.09	1,043.89	1,034.22	1,101.89	1,049.72
TM3		℃	0	1	36.40	36.41	36.42	36.43	36.44	36.44	36.44	36.44	36.44	36.45	36.46	36.46	36.46	36.46	36.46	36.46

					02-02 16:00	02-02 16:30	02-02 17:00	02-02 17:30	02-02 18:00	02-02 18:30	02-02 19:00	02-02 19:30	02-02 20:00	02-02 20:30	02-02 21:00	02-02 21:30	02-02 22:00	02-02 22:30	02-02 23:00	02-02 23:30
TSP	20	mg/Sm³	12	1	0.75	0.64	0.59	0.66	0.57	0.57	0.63	0.60	0.82	0.66	0.64	0.63	0.65	0.62	0.61	0.58
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.58	0.35	0.87	4.48	0.00	0.00	0.00	0.00	1.15	0.00	0.00
NOx	70	ppm	12	1	17.81	10.08	13.16	8.78	14.00	13.57	12.55	16.11	18.53	9.67	11.05	10.41	9.45	10.48	11.52	13.53
HCl	15	ppm	12	1	1.92	0.00	0.00	0.12	0.00	0.04	1.62	0.81	5.89	1.01	1.24	1.16	0.01	0.05	0.00	0.00
CO	50	ppm	12	1	0.60	0.68	0.54	1.05	0.29	0.42	0.52	0.43	0.86	0.98	0.62	0.58	0.90	6.50	0.46	0.37
O_2		%	0	0.1	9.27	7.81	6.63	8.04	6.15	6.02	7.50	6.70	10.17	8.17	7.71	7.38	7.83	6.98	7.15	6.33
FL1		Sm³	12	10	12,372	13,327	14,572	12,868	14,938	15,188	13,481	14,641	10,633	12,827	13,127	13,562	13,338	13,984	13,872	14,958
TMP		℃	0	1	186.90	187.08	187.22	186.60	186.55	187.30	187.04	186.86	187.20	186.67	185.99	186.14	186.80	186.79	186.58	186.96
TM1		℃	0	1	1,054.40	1,020.97	1,042.55	997.66	1,098.15	1,091.28	1,048.73	1,060.77	1,042.02	1,002.39	1,031.19	1,037.20	1,005.61	1,050.22	1,044.84	1,061.40
TM3		℃	0	1	36.45	36.46	36.45	36.45	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46

2월 3일 굴뚝별 트랜드

					02-03 00:00	02-03 00:30	02-03 01:00	02-03 01:30	02-03 02:00	02-03 02:30	02-03 03:00	02-03 03:30	02-03 04:00	02-03 04:30	02-03 05:00	02-03 05:30	02-03 06:00	02-03 06:30	02-03 07:00	02-03 07:30
TSP	20	mg/Sm³	12	1	0.82	0.64	0.61	0.71	0.55	0.59	0.56	0.59	0.76	0.57	0.63	0.65	0.60	0.58	0.58	0.64
SOx	30	ppm	12	1	0.00	0.00	0.05	0.67	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.20	0.28	1.64	0.30
NOx	70	ppm	12	1	15.07	9.79	11.73	11.06	13.34	12.15	14.97	12.74	14.82	12.42	10.49	10.70	13.81	12.63	11.61	9.35
HCl	15	ppm	12	1	1.35	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.08	0.09	0.25	0.43	0.88
CO	50	ppm	12	1	0.68	0.63	0.46	8.70	11.46	0.55	0.25	0.33	0.55	0.35	0.43	0.38	0.48	0.42	29.97	8.00
O_2		%	0	0.1	9.73	7.65	6.77	8.30	5.52	6.56	5.78	6.65	8.70	5.93	7.42	7.65	7.01	6.32	5.91	7.42
FL1		Sm³	12	10	11,562	13,386	14,284	12,648	15,878	14,974	15,698	14,459	12,140	15,299	13,349	12,983	14,126	14,710	15,461	13,498
TMP		℃	0	1	187.54	187.21	186.91	186.73	186.53	187.19	187.81	187.14	187.07	187.51	187.24	186.26	186.11	186.72	187.01	186.85
TM1		℃	0	1	1,038.83	1,024.80	1,059.58	1,017.05	1,084.60	1,050.09	1,083.09	1,061.57	1,063.37	1,078.39	1,042.95	1,063.36	1,042.85	1,055.67	1,067.40	1,051.77
TM3		℃	0	1	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46

					02-03 08:00	02-03 08:30	02-03 09:00	02-03 09:30	02-03 10:00	02-03 10:30	02-03 11:00	02-03 11:30	02-03 12:00	02-03 12:30	02-03 13:00	02-03 13:30	02-03 14:00	02-03 14:30	02-03 15:00	02-03 15:30
TSP	20	mg/Sm³	12	1	0.77	0.57	0.56	0.66	0.60	0.55	0.63	0.58	0.75	0.74	0.61	0.64	0.58	0.58	0.58	0.58
SOx	30	ppm	12	1	0.00	2.84	1.51	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.21	2.81	13.28	6.01	0.00	0.00
NOx	70	ppm	12	1	21.93	19.27	19.69	12.23	13.19	17.42	13.57	17.90	19.62	9.04	19.28	14.67	8.49	11.68	8.22	5.91
HCl	15	ppm	12	1	1.10	0.17	0.50	1.15	1.31	0.84	1.62	0.36	1.16	1.19	0.06	5.21	0.79	2.65	0.16	0.00
CO	50	ppm	12	1	0.27	0.18	0.21	0.55	0.30	0.22	0.21	0.19	0.27	1.05	0.39	0.42	46.88	26.44	10.12	1.17
O_2		%	0	0.1	8.91	6.20	5.94	8.05	7.12	5.84	7.69	6.76	9.19	9.60	7.30	8.11	6.19	6.64	6.75	6.91
FL1		Sm³	12	10	11,713	14,889	15,214	12,701	13,310	14,403	12,387	13,616	11,174	10,648	13,974	12,347	15,144	13,686	13,515	13,175
TMP		℃	0	1	186.59	186.76	187.22	186.76	185.53	185.23	185.07	184.86	184.85	184.59	184.25	185.20	185.51	185.74	185.63	185.06
TM1		℃	0	1	1,111.99	1,110.05	1,110.95	1,038.27	1,057.53	1,125.90	1,080.99	1,094.97	1,091.47	999.26	1,071.05	1,066.19	1,069.34	1,075.31	1,054.23	1,021.42
TM3		℃	0	1	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.45	36.46	36.45	36.45	36.45	36.46	36.46	36.45	36.45

					02-03 16:00	02-03 16:30	02-03 17:00	02-03 17:30	02-03 18:00	02-03 18:30	02-03 19:00	02-03 19:30	02-03 20:00	02-03 20:30	02-03 21:00	02-03 21:30	02-03 22:00	02-03 22:30	02-03 23:00	02-03 23:30
TSP	20	mg/Sm³	12	1	0.71	0.56	0.55	0.57	0.54	0.61	0.55	0.53	0.76	0.62	0.55	0.55	0.59	0.61	0.65	0.59
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.25	0.19	0.19	3.37	0.00	0.00	0.00	10.53	9.30	5.90	7.35	0.00
NOx	70	ppm	12	1	8.21	5.08	5.46	5.41	6.84	6.81	5.88	6.00	10.56	6.15	6.39	7.70	13.00	10.57	7.72	5.84
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.40	2.02	6.62	10.25	1.95
CO	50	ppm	12	1	1.14	3.93	12.67	0.35	38.74	0.99	36.79	31.13	1.78	1.89	1.16	31.80	0.66	0.85	13.49	9.17
O_2		%	0	0.1	8.21	6.36	6.14	6.78	5.52	7.34	6.07	5.29	10.33	7.66	5.98	5.61	6.66	7.40	8.02	7.04
FL1		Sm³	12	10	11,352	13,698	14,045	13,175	14,881	13,054	14,705	15,654	10,882	13,127	15,318	16,206	15,089	14,465	12,918	13,615
TMP		℃	0	1	184.54	184.82	185.17	184.97	185.05	185.51	185.48	185.99	186.65	185.68	186.23	188.28	188.95	188.82	188.46	186.26
TM1		℃	0	1	1,069.23	1,055.13	1,053.98	1,037.69	1,086.47	1,032.73	1,060.27	1,093.64	1,023.95	1,006.44	1,062.19	1,089.01	1,074.52	1,054.46	1,033.80	1,045.57
TM3		℃	0	1	36.45	36.46	36.45	36.45	36.45	36.45	36.46	36.46	36.45	36.46	36.46	36.46	36.46	36.45	36.46	36.46