1월 1일 굴뚝별 트랜드

					01-01 00:00	01-01 00:30	01-01 01:00	01-01 01:30	01-01 02:00	01-01 02:30	01-01 03:00	01-01 03:30	01-01 04:00	01-01 04:30	01-01 05:00	01-01 05:30	01-01 06:00	01-01 06:30	01-01 07:00	01-01 07:30
TSP	20	mg/Sm³	12	1	0.46	0.40	0.32	0.35	0.33	0.35	0.40	0.35	0.47	0.36	0.31	0.34	0.34	0.41	0.38	0.36
SOx	30	ppm	12	1	0.00	0.00	7.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	1.52	2.22	0.00	0.00	0.12
NOx	70	ppm	12	1	34.60	22.22	23.97	25.74	33.07	27.17	21.85	24.95	27.45	20.14	24.17	30.15	34.96	22.16	18.73	22.74
HCl	15	ppm	12	1	0.41	0.00	2.54	0.69	0.00	0.03	0.26	0.00	0.19	0.00	0.21	1.46	1.33	3.04	1.39	0.68
CO	50	ppm	12	1	0.37	0.74	1.06	0.21	0.10	0.10	0.34	0.20	0.55	0.45	6.11	0.08	0.07	0.36	0.44	0.48
O_2		%	0	0.1	9.97	8.46	5.39	6.56	6.09	6.51	8.48	6.85	10.61	7.30	4.98	6.01	6.35	8.80	8.05	7.31
FL1		Sm³	12	10	11,037	13,361	16,195	14,572	15,323	14,675	12,443	14,144	10,811	13,905	16,236	14,802	14,817	12,177	13,073	14,156
TMP		℃	0	1	180.38	180.52	180.88	181.55	181.26	181.50	180.39	179.48	179.91	180.06	180.79	181.63	181.91	180.86	180.49	180.47
TM1		℃	0	1	1,057.01	993.72	1,127.78	1,106.25	1,137.64	1,124.72	1,047.32	1,103.13	1,050.93	1,046.13	1,151.15	1,164.65	1,155.91	1,039.01	1,036.29	1,038.13
TM3		℃	0	1	36.45	36.45	36.46	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.46	36.47	36.46	36.46

					01-01 08:00	01-01 08:30	01-01 09:00	01-01 09:30	01-01 10:00	01-01 10:30	01-01 11:00	01-01 11:30	01-01 12:00	01-01 12:30	01-01 13:00	01-01 13:30	01-01 14:00	01-01 14:30	01-01 15:00	01-01 15:30
TSP	20	mg/Sm³	12	1	0.46	0.38	0.38	0.41	0.36	0.38	0.37	0.37	0.47	0.36	0.37	0.38	0.36	0.35	0.35	0.39
SOx	30	ppm	12	1	2.56	0.00	0.00	0.00	0.00	0.93	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
NOx	70	ppm	12	1	37.30	24.95	21.57	23.07	26.43	22.41	21.52	23.38	36.14	26.76	26.00	22.85	21.31	25.27	26.75	20.47
HCl	15	ppm	12	1	2.77	0.54	0.15	0.08	0.23	0.47	0.35	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.29	0.33	0.43	0.33	0.23	1.59	0.27	0.24	0.19	0.21	0.17	0.26	0.27	0.09	0.07	0.38
O_2		%	0	0.1	9.40	7.60	7.79	8.61	7.05	7.58	7.58	7.58	10.15	7.28	7.53	7.65	7.38	6.84	6.80	8.26
FL1		Sm³	12	10	11,594	13,547	13,404	12,430	14,277	13,670	13,769	13,701	11,197	13,941	13,617	13,448	13,875	14,352	14,316	12,858
TMP		℃	0	1	181.15	181.64	181.14	180.56	180.57	180.18	180.12	180.63	180.40	180.48	180.68	180.86	180.91	181.38	181.29	180.76
TM1		℃	0	1	1,098.59	1,068.52	1,064.33	1,037.37	1,077.93	1,049.03	1,083.45	1,068.69	1,089.93	1,077.26	1,085.31	1,066.15	1,053.48	1,103.53	1,121.08	1,041.70
TM3		℃	0	1	36.45	36.46	36.47	36.45	36.46	36.45	36.45	36.45	36.45	36.46	36.45	36.45	36.46	36.45	36.45	36.45

					01-01 16:00	01-01 16:30	01-01 17:00	01-01 17:30	01-01 18:00	01-01 18:30	01-01 19:00	01-01 19:30	01-01 20:00	01-01 20:30	01-01 21:00	01-01 21:30	01-01 22:00	01-01 22:30	01-01 23:00	01-01 23:30
TSP	20	mg/Sm³	12	1	0.47	0.39	0.35	0.38	0.41	0.35	0.39	0.39	0.46	0.38	0.35	0.41	0.38	0.39	0.36	0.43
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	2.40	0.00	0.00	0.00	0.20	0.18	0.11	0.00
NOx	70	ppm	12	1	29.42	20.60	28.22	22.93	19.98	25.49	20.44	18.33	35.01	21.05	26.65	22.72	21.33	19.36	21.60	18.24
HCl	15	ppm	12	1	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.01	0.00	0.28	0.35
CO	50	ppm	12	1	0.29	0.26	0.12	0.22	0.38	0.16	0.31	0.42	0.57	0.23	0.15	0.48	8.21	0.65	0.23	0.65
O_2		%	0	0.1	9.99	8.16	7.05	7.87	8.70	6.69	8.24	7.89	8.40	7.52	6.48	8.38	7.42	7.85	6.46	9.00
FL1		Sm³	12	10	11,331	12,649	13,998	13,139	12,298	14,528	12,822	13,265	12,038	13,587	14,856	12,759	13,674	13,373	14,654	11,935
TMP		℃	0	1	180.54	180.38	180.32	180.54	180.49	179.80	180.41	180.09	179.93	181.07	181.33	180.77	180.06	179.72	179.82	180.34
TM1		℃	0	1	1,072.56	1,063.89	1,098.37	1,067.18	1,025.85	1,095.19	1,040.41	1,029.22	1,139.77	1,069.65	1,102.00	1,020.99	1,059.36	1,032.56	1,109.33	995.01
TM3		℃	0	1	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.44	36.45	36.44	36.45	36.45	36.45	36.46	36.45	36.46

1월 2일 굴뚝별 트랜드

					01-02 00:00	01-02 00:30	01-02 01:00	01-02 01:30	01-02 02:00	01-02 02:30	01-02 03:00	01-02 03:30	01-02 04:00	01-02 04:30	01-02 05:00	01-02 05:30	01-02 06:00	01-02 06:30	01-02 07:00	01-02 07:30
TSP	20	mg/Sm³	12	1	0.46	0.38	0.36	0.37	0.37	0.38	0.36	0.38	0.49	0.38	0.42	0.41	0.37	0.38	0.42	0.41
SOx	30	ppm	12	1	6.07	0.97	0.17	0.00	0.00	0.00	0.14	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	33.63	23.14	26.50	27.44	25.41	20.39	24.54	24.30	28.86	25.59	21.82	24.15	22.53	21.31	20.54	26.33
HCl	15	ppm	12	1	0.81	1.12	0.82	0.00	0.00	0.03	0.01	0.20	0.33	0.05	0.93	0.00	0.00	0.00	0.03	0.00
CO	50	ppm	12	1	21.82	1.85	0.15	0.10	0.19	0.27	0.23	0.17	0.39	0.21	0.33	0.47	0.32	0.34	0.49	0.52
O_2		%	0	0.1	8.60	7.02	6.74	6.82	7.06	7.38	6.43	7.15	10.65	6.86	8.25	7.91	6.63	7.00	8.22	7.86
FL1		Sm³	12	10	12,156	14,247	14,506	14,329	14,139	13,749	14,895	13,970	11,068	14,432	12,796	13,297	14,609	14,141	12,959	13,906
TMP		℃	0	1	178.93	180.05	181.07	181.15	181.03	180.99	181.35	181.46	181.08	180.68	180.41	179.45	179.07	180.35	180.31	180.49
TM1		℃	0	1	1,112.54	1,083.85	1,102.71	1,106.28	1,085.07	1,069.23	1,089.68	1,092.48	1,061.81	1,090.24	1,042.18	1,037.16	1,076.97	1,079.25	1,043.91	1,048.44
TM3		℃	0	1	36.45	36.46	36.45	36.46	36.46	36.46	36.46	36.46	36.46	36.45	36.45	36.45	36.45	36.44	36.45	36.45

					01-02 08:00	01-02 08:30	01-02 09:00	01-02 09:30	01-02 10:00	01-02 10:30	01-02 11:00	01-02 11:30	01-02 12:00	01-02 12:30	01-02 13:00	01-02 13:30	01-02 14:00	01-02 14:30	01-02 15:00	01-02 15:30
TSP	20	mg/Sm³	12	1	0.50	0.38	0.44	0.39	0.44	0.35	0.36	0.37	0.45	0.38	0.39	0.39	0.41	0.36	0.41	0.39
SOx	30	ppm	12	1	0.00	0.82	0.00	3.20	0.94	0.22	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.09	0.54	0.08
NOx	70	ppm	12	1	24.23	25.08	19.97	24.14	19.22	29.15	26.72	25.28	31.36	22.08	23.65	23.23	19.52	26.47	18.29	20.93
HCl	15	ppm	12	1	0.44	0.07	0.96	0.03	0.78	0.04	0.05	0.00	0.08	0.00	0.37	0.11	0.19	0.00	0.99	0.08
CO	50	ppm	12	1	0.68	0.34	0.62	8.36	0.71	0.25	0.16	0.14	0.23	0.23	0.26	0.30	0.49	0.32	0.54	0.30
O_2		%	0	0.1	10.06	6.86	8.58	7.62	9.01	6.29	6.79	7.61	10.03	7.66	7.94	7.87	8.42	7.00	8.14	7.75
FL1		Sm³	12	10	11,634	14,906	12,919	14,042	12,317	15,521	14,701	13,797	12,228	13,732	13,475	13,634	12,832	14,688	13,250	13,048
TMP		℃	0	1	181.79	181.99	181.21	180.78	181.11	181.13	181.68	181.01	180.99	181.46	181.47	181.94	181.83	181.72	182.28	181.30
TM1		℃	0	1	1,072.12	1,095.09	1,035.60	1,069.05	1,029.45	1,123.20	1,125.61	1,106.71	1,071.21	1,081.26	1,073.47	1,074.54	1,048.64	1,086.19	1,060.51	1,086.27
TM3		℃	0	1	36.46	36.46	36.46	36.46	36.45	36.44	36.45	36.44	36.44	36.44	36.44	36.45	36.44	36.44	36.45	36.44

					01-02 16:00	01-02 16:30	01-02 17:00	01-02 17:30	01-02 18:00	01-02 18:30	01-02 19:00	01-02 19:30	01-02 20:00	01-02 20:30	01-02 21:00	01-02 21:30	01-02 22:00	01-02 22:30	01-02 23:00	01-02 23:30
TSP	20	mg/Sm³	12	1	0.45	0.43	0.39	0.37	0.37	0.39	0.40	0.38	0.48	0.38	0.41	0.37	0.38	0.37	0.38	0.40
SOx	30	ppm	12	1	2.62	0.00	0.00	0.71	0.01	0.02	0.00	0.00	0.09	0.02	0.04	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	33.95	20.44	19.47	20.03	22.16	20.84	18.99	21.83	24.12	20.32	16.64	25.34	19.11	24.18	23.78	20.32
HCl	15	ppm	12	1	0.93	1.11	0.04	0.21	0.01	0.60	0.12	0.00	0.37	0.00	0.02	0.04	0.44	0.07	0.16	0.09
CO	50	ppm	12	1	6.98	0.83	0.80	3.06	0.58	0.67	0.77	0.59	0.74	0.43	0.69	0.35	0.42	0.24	0.40	0.67
O_2		%	0	0.1	9.31	9.06	8.02	7.11	6.93	7.76	8.07	7.50	10.41	7.40	8.54	7.08	7.45	7.06	7.37	8.33
FL1		Sm³	12	10	12,530	12,535	13,783	14,617	15,404	14,091	13,303	14,341	11,825	14,321	13,030	14,857	14,529	14,970	14,612	13,444
TMP		℃	0	1	181.16	181.64	182.55	182.25	182.85	183.31	181.76	179.96	181.53	182.01	181.68	181.51	182.32	182.86	183.07	182.44
TM1		℃	0	1	1,101.04	1,002.84	1,016.61	1,050.79	1,042.47	1,036.12	1,019.73	1,046.69	1,051.11	1,034.89	1,012.42	1,069.72	1,050.15	1,077.37	1,064.27	994.51
TM3		℃	0	1	36.45	36.44	36.44	36.44	36.44	36.44	36.45	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

1월3일 굴뚝별 트랜드

					01-03 00:00	01-03 00:30	01-03 01:00	01-03 01:30	01-03 02:00	01-03 02:30	01-03 03:00	01-03 03:30	01-03 04:00	01-03 04:30	01-03 05:00	01-03 05:30	01-03 06:00	01-03 06:30	01-03 07:00	01-03 07:30
TSP	20	mg/Sm³	12	1	0.47	0.41	0.38	0.38	0.39	0.37	0.40	0.37	0.46	0.39	0.38	0.40	0.41	0.39	0.38	0.41
SOx	30	ppm	12	1	0.33	0.13	0.13	0.00	0.00	0.00	0.00	1.69	0.59	0.39	0.05	0.00	0.00	0.00	0.45	0.00
NOx	70	ppm	12	1	29.99	19.00	22.15	22.09	18.41	24.54	22.52	29.21	30.32	23.83	24.79	20.04	19.62	22.97	25.58	19.78
HCl	15	ppm	12	1	0.27	0.01	0.00	0.00	0.01	0.00	0.28	0.00	0.38	0.29	0.01	0.02	0.02	0.00	0.61	0.75
CO	50	ppm	12	1	0.39	0.75	0.40	0.45	0.46	0.32	0.38	0.35	0.44	0.34	0.30	0.42	0.75	0.38	0.30	0.62
O_2		%	0	0.1	9.44	8.21	7.24	7.42	7.60	7.03	7.94	6.38	8.97	7.41	6.97	7.73	8.17	7.20	6.94	7.87
FL1		Sm³	12	10	12,403	13,545	14,725	14,768	14,418	15,025	13,882	16,069	13,419	14,409	15,252	14,236	13,783	15,156	15,271	14,242
TMP		℃	0	1	181.40	181.61	181.82	182.39	182.72	182.61	182.35	182.65	182.95	182.56	182.50	182.56	181.98	181.73	182.43	182.44
TM1		℃	0	1	1,069.48	1,014.51	1,067.52	1,052.33	1,043.59	1,070.56	1,055.87	1,096.50	1,091.66	1,081.74	1,085.07	1,045.45	1,010.15	1,059.42	1,082.89	1,034.06
TM3		℃	0	1	36.45	36.45	36.45	36.45	36.45	36.45	36.44	36.45	36.46	36.45	36.46	36.46	36.46	36.45	36.45	36.45

					01-03 08:00	01-03 08:30	01-03 09:00	01-03 09:30	01-03 10:00	01-03 10:30	01-03 11:00	01-03 11:30	01-03 12:00	01-03 12:30	01-03 13:00	01-03 13:30	01-03 14:00	01-03 14:30	01-03 15:00	01-03 15:30
TSP	20	mg/Sm³	12	1	0.49	0.42	0.36	0.43	0.42	0.42	0.38	0.42	0.49	0.38	0.36	0.41	0.39	0.38	0.35	0.39
SOx	30	ppm	12	1	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.39	1.23	0.00	0.00
NOx	70	ppm	12	1	29.78	21.58	28.15	21.47	23.87	19.18	24.76	23.57	30.33	19.36	22.80	22.40	28.29	22.37	28.17	23.81
HCl	15	ppm	12	1	0.24	0.00	0.52	1.09	0.47	0.22	0.20	0.41	0.63	0.00	0.00	0.00	0.38	2.52	0.05	1.26
CO	50	ppm	12	1	0.65	0.81	0.61	0.74	0.71	0.59	0.47	0.49	0.58	0.37	0.28	0.39	0.47	0.48	0.36	0.66
O_2		%	0	0.1	10.11	8.24	6.37	8.71	8.24	7.39	7.14	7.90	9.86	6.94	6.24	8.14	7.46	7.41	6.30	7.63
FL1		Sm³	12	10	11,921	13,779	15,923	13,084	13,736	14,647	14,899	13,939	12,700	14,329	14,787	13,071	14,690	14,661	16,125	14,418
TMP		℃	0	1	182.26	181.77	182.17	182.43	181.85	181.76	182.14	182.25	182.35	182.21	180.59	180.43	182.04	183.54	184.14	183.84
TM1		℃	0	1	1,053.03	1,011.95	1,102.84	1,025.84	1,017.13	1,037.76	1,054.50	1,043.87	1,049.74	1,074.07	1,119.75	1,076.92	1,062.23	1,056.46	1,079.59	1,038.71
TM3		℃	0	1	36.44	36.44	36.45	36.46	36.47	36.46	36.46	36.46	36.46	36.45	36.45	36.45	36.45	36.45	36.45	36.44

					01-03 16:00	01-03 16:30	01-03 17:00	01-03 17:30	01-03 18:00	01-03 18:30	01-03 19:00	01-03 19:30	01-03 20:00	01-03 20:30	01-03 21:00	01-03 21:30	01-03 22:00	01-03 22:30	01-03 23:00	01-03 23:30
TSP	20	mg/Sm³	12	1	0.48	0.38	0.39	0.36	0.42	0.37	0.37	0.39	0.49	0.41	0.39	0.42	0.36	0.35	0.43	0.36
SOx	30	ppm	12	1	0.00	0.42	0.96	0.52	0.00	0.00	0.74	3.56	0.00	0.01	1.29	0.03	0.18	6.24	0.31	2.39
NOx	70	ppm	12	1	33.22	21.74	19.91	23.55	21.91	28.68	31.22	24.88	44.02	26.32	35.22	25.43	31.02	39.31	27.02	41.57
HCl	15	ppm	12	1	0.51	0.00	0.44	0.86	1.51	0.07	0.43	0.43	0.49	0.75	1.31	2.37	0.07	1.15	5.34	0.16
CO	50	ppm	12	1	0.67	0.77	0.84	0.45	0.51	0.25	0.26	19.42	0.99	0.51	0.24	0.46	0.22	0.17	0.53	0.24
O_2		%	0	0.1	10.47	7.37	7.55	6.73	8.26	6.76	6.60	7.17	10.30	7.72	6.80	8.10	6.26	5.65	8.38	5.70
FL1		Sm³	12	10	11,687	14,775	14,625	15,431	13,487	15,118	15,382	14,840	12,024	14,059	15,356	13,819	15,942	16,774	13,435	16,745
TMP		℃	0	1	183.59	183.60	183.99	183.29	182.97	182.16	183.02	182.96	183.26	183.27	182.93	182.97	183.02	183.44	183.37	183.59
TM1		℃	0	1	1,032.81	1,034.39	1,021.39	1,067.96	1,025.54	1,095.40	1,112.21	1,073.15	1,071.27	1,054.01	1,106.47	1,052.44	1,121.07	1,148.21	1,060.11	1,141.03
TM3		℃	0	1	36.45	36.45	36.45	36.45	36.46	36.44	36.45	36.45	36.45	36.45	36.46	36.46	36.47	36.46	36.46	36.47