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	0.83	0.69	0.63	0.69	0.66	0.66	0.64	0.71	0.83	0.68	0.69	0.68	0.67	0.71	0.69	0.70
SOx	30	ppm	12	1	1.73	0.20	7.74	0.22	2.10	0.00	1.18	0.08	0.05	1.55	0.20	1.02	1.09	0.00	0.66	0.11
NOx	70	ppm	12	1	22.51	12.86	18.18	18.37	23.31	22.49	23.38	15.47	30.80	21.41	18.14	18.98	21.24	15.65	19.75	18.54
HCl	15	ppm	12	1	6.43	1.40	1.82	3.57	4.62	3.49	5.29	7.15	8.17	0.25	1.10	1.90	3.07	4.63	2.95	3.24
CO	50	ppm	12	1	0.66	0.68	0.51	0.59	0.35	0.35	0.32	0.78	0.33	0.44	0.56	0.56	0.35	0.48	0.45	0.47
O_2		%	0	0.1	9.60	7.75	6.47	7.58	6.80	6.64	6.55	7.93	9.45	7.33	7.66	7.46	7.30	8.10	7.50	7.74
FL1		Sm³	12	10	11,455	13,159	14,782	13,728	14,647	14,719	14,788	13,143	11,671	13,847	13,488	13,713	13,852	12,630	13,584	13,252
TMP		℃	0	1	185.23	184.85	185.42	186.44	186.84	186.86	186.51	185.90	185.17	185.41	185.72	185.81	185.34	185.00	185.19	185.03
TM1		℃	0	1	1,074.36	1,033.15	1,091.05	1,046.72	1,068.04	1,074.31	1,080.28	1,029.55	1,080.29	1,058.07	1,046.29	1,066.57	1,064.82	1,043.64	1,057.09	1,045.19
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					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	0.85	0.66	0.67	0.66	0.63	0.66	0.62	0.62	0.83	0.68	0.63	0.68	0.65	0.67	1.02	0.60
SOx	30	ppm	12	1	0.00	0.23	0.00	4.01	1.24	0.00	0.00	0.97	0.00	0.00	0.08	0.00	0.06	0.04	0.00	0.39
NOx	70	ppm	12	1	27.86	21.83	17.85	18.21	22.57	26.55	25.78	22.42	23.90	19.30	20.31	15.86	21.10	15.63	19.42	20.99
HCl	15	ppm	12	1	5.24	0.01	0.00	0.44	0.17	0.84	0.86	1.98	6.27	0.00	0.00	0.00	0.44	0.44	1.02	0.48
CO	50	ppm	12	1	0.56	0.46	0.58	11.02	0.37	0.32	0.33	0.39	0.60	0.60	2.09	1.15	0.51	0.81	0.42	0.30
O_2		%	0	0.1	10.25	6.95	7.14	6.82	6.20	7.02	6.21	6.26	9.43	7.59	6.68	7.67	7.27	7.46	6.94	5.97
FL1		Sm³	12	10	11,552	14,575	14,397	14,478	15,212	14,335	15,221	15,121	11,850	13,763	14,628	13,552	13,910	14,333	14,524	15,517
TMP		℃	0	1	185.80	186.29	186.65	186.55	186.69	186.80	186.59	186.74	186.56	185.64	185.68	185.17	184.59	186.03	186.83	186.75
TM1		℃	0	1	1,055.35	1,060.35	1,049.97	1,073.68	1,096.29	1,083.41	1,101.15	1,092.27	1,063.29	1,046.91	1,067.39	1,012.60	1,056.07	1,026.99	1,052.64	1,105.32
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					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	0.82	0.67	0.71	0.64	0.69	0.67	0.67	0.72	0.80	0.68	0.72	0.62	0.67	0.68	0.63	0.66
SOx	30	ppm	12	1	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.10	6.04	1.04	0.54	1.26	0.00	0.00	0.01	0.00
NOx	70	ppm	12	1	20.39	17.15	12.07	24.65	17.88	22.86	21.96	16.88	22.54	18.04	13.35	21.45	18.73	21.31	23.57	18.16
HCl	15	ppm	12	1	4.44	0.00	0.32	0.09	0.17	0.00	0.38	0.94	4.08	1.35	1.55	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.54	0.47	0.73	0.32	0.61	0.42	0.43	0.99	1.13	0.72	0.78	2.00	0.41	0.33	0.30	0.35
O_2		%	0	0.1	10.23	7.84	8.53	7.08	8.04	7.55	7.62	8.00	9.00	7.71	8.35	6.29	7.50	7.49	6.64	6.93
FL1		Sm³	12	10	11,203	12,988	12,196	14,206	13,202	13,851	13,853	13,181	12,216	13,321	12,638	15,355	13,448	13,565	14,989	14,454
TMP		℃	0	1	186.05	185.32	184.71	185.00	185.53	186.02	186.15	186.28	184.72	183.98	184.80	185.52	185.69	185.47	185.93	186.38
TM1		℃	0	1	1,050.95	1,042.31	1,013.98	1,075.91	1,038.25	1,056.39	1,047.86	1,035.51	1,063.73	1,051.62	1,034.03	1,089.15	1,050.77	1,078.00	1,084.69	1,079.91
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

1월 3일 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	0.83	0.70	0.63	0.67	0.69	0.67	0.70	0.62	0.88	0.65	0.70	0.69	0.77	0.75	0.67	0.73
SOx	30	ppm	12	1	0.23	0.13	1.35	0.05	0.20	0.17	0.68	3.86	0.00	0.04	0.00	0.00	0.00	0.33	3.07	0.01
NOx	70	ppm	12	1	23.05	18.56	24.38	17.11	23.96	20.11	17.17	23.03	19.07	21.13	20.71	21.27	17.21	17.29	23.32	22.30
HCl	15	ppm	12	1	1.87	0.00	0.00	0.00	0.00	0.00	0.03	0.13	3.30	0.00	0.00	0.00	0.00	0.95	0.79	1.61
CO	50	ppm	12	1	0.45	0.58	0.27	0.44	0.32	0.40	0.69	0.45	0.77	0.30	0.43	0.41	0.71	0.69	0.34	0.48
O_2		%	0	0.1	9.94	7.90	6.26	7.30	7.63	7.32	7.78	6.09	10.99	6.77	7.54	7.32	8.70	8.31	6.85	7.59
FL1		Sm³	12	10	11,486	13,063	15,204	13,723	13,467	13,859	13,425	15,179	10,842	14,394	13,857	14,116	12,318	12,409	14,543	13,932
TMP		℃	0	1	184.99	184.27	185.48	185.59	185.67	185.45	185.53	185.40	185.58	185.18	185.70	186.01	185.37	183.93	184.15	185.79
TM1		℃	0	1	1,067.69	1,036.31	1,104.83	1,066.74	1,084.85	1,049.41	1,033.45	1,099.69	1,033.95	1,064.78	1,039.03	1,041.94	1,003.01	1,038.13	1,070.69	1,050.71
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					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	0.91	0.71	0.63	0.50	0.50	0.50	4.96	0.54	0.54	0.53	0.53	0.52	0.52	0.52	0.51	0.66
SOx	30	ppm	12	1	0.00	7.12	5.84	0.16	0.00	36.37	0.15	0.75	0.43	0.29	0.09	0.00	0.02	0.34	20.97	0.26
NOx	70	ppm	12	1	29.78	21.00	19.06	0.75	0.63	78.08	0.71	0.91	0.90	0.82	0.76	0.71	33.08	67.23	58.75	33.02
HCl	15	ppm	12	1	4.08	0.31	1.42	0.14	0.00	8.65	0.16	0.12	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.44	0.49	0.42	0.04	0.02	101.64	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.88	0.77	0.92
O_2		%	0	0.1	10.37	7.64	9.65	20.90	14.84	5.15	21.09	20.95	20.98	20.90	20.90	20.90	15.20	7.38	7.13	8.45
FL1		Sm³	12	10	11,284	13,993	15,525	18,295	18,877	19,101	19,176	19,300	19,248	19,214	19,278	19,013	19,285	19,190	18,939	14,826
TMP		℃	0	1	186.31	186.20	186.32	184.97	183.85	185.37	187.01	187.38	187.47	187.42	187.46	187.22	186.66	185.81	186.16	185.76
TM1		℃	0	1	1,054.15	1,047.53	1,053.01	1,023.61	1,045.78	1,049.84	1,055.15	1,088.33	1,076.37	1,058.17	1,053.63	1,061.28	1,068.89	1,062.05	1,076.69	1,040.24
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.41	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	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	0.89	0.71	0.74	0.72	0.75	0.73	0.73	0.74	0.93	0.69	0.73	0.77	0.74	0.77	0.77	0.74
SOx	30	ppm	12	1	0.00	1.35	1.23	0.21	0.23	0.10	0.00	0.65	0.00	0.87	4.42	1.35	9.40	2.10	0.00	3.01
NOx	70	ppm	12	1	25.41	25.28	29.91	24.32	25.71	31.12	23.96	23.26	26.15	32.07	26.42	22.97	22.38	24.21	25.25	24.08
HCl	15	ppm	12	1	0.56	0.07	1.50	0.35	7.20	4.19	2.43	1.04	2.49	0.02	0.10	2.63	5.11	9.22	7.23	4.26
CO	50	ppm	12	1	1.71	0.77	3.92	0.94	0.82	0.66	0.83	0.50	0.68	0.32	0.61	1.20	1.17	0.72	0.48	0.79
O_2		%	0	0.1	10.96	7.60	8.10	7.67	8.35	7.80	7.79	7.80	11.27	6.92	7.81	8.39	7.84	8.47	8.25	7.79
FL1		Sm³	12	10	11,111	13,634	13,388	13,967	12,775	13,656	13,488	13,311	10,753	14,419	13,477	12,640	13,154	12,606	12,872	13,205
TMP		℃	0	1	185.45	184.91	185.87	186.74	186.18	186.10	186.29	185.97	185.27	185.24	184.98	184.62	184.27	184.80	184.34	184.08
TM1		℃	0	1	979.55	1,026.39	1,023.23	1,031.01	1,015.97	1,045.66	1,031.31	1,056.16	1,032.75	1,084.46	1,054.50	1,045.49	1,051.71	1,027.20	1,041.25	1,051.74
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 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	0.92	0.67	0.70	0.73	0.68	0.74	0.67	0.70	0.90	0.73	0.68	0.77	0.70	0.71	0.69	0.66
SOx	30	ppm	12	1	0.28	15.63	0.00	0.00	2.46	5.54	2.34	0.01	0.86	0.00	0.00	0.29	0.79	0.41	0.00	0.03
NOx	70	ppm	12	1	31.07	25.66	20.16	16.40	19.51	17.76	23.64	19.61	20.06	17.39	23.94	17.41	24.34	20.25	18.06	20.89
HCl	15	ppm	12	1	3.05	3.65	0.68	0.01	0.00	0.05	0.56	0.19	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	1.88	13.39	1.19	0.59	0.55	1.56	0.56	2.07	81.23	3.31	0.36	0.82	0.31	0.48	0.44	0.43
O_2		%	0	0.1	9.77	6.34	7.02	7.59	6.70	7.75	6.47	6.93	10.56	7.74	6.66	8.23	6.96	7.04	6.75	6.16
FL1		Sm³	12	10	10,823	14,851	13,692	13,384	13,814	13,167	15,050	14,455	11,569	13,273	14,738	12,969	14,800	14,227	14,209	15,024
TMP		℃	0	1	183.20	183.65	184.65	183.81	183.11	183.08	183.89	185.47	185.32	183.81	183.83	184.05	184.36	185.52	184.82	184.29
TM1		℃	0	1	1,073.65	1,101.01	1,070.35	1,047.87	1,073.39	1,048.11	1,073.06	1,077.09	1,041.90	1,055.29	1,082.32	1,030.02	1,084.23	1,052.90	1,048.05	1,071.25
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

					01-04 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	0.88	0.70	0.69	0.66	0.65	0.63	0.66	0.71	0.89	0.67	0.67	0.79	0.69	0.62	0.69	0.79
SOx	30	ppm	12	1	0.00	0.00	0.24	0.01	1.38	0.00	0.00	0.00	0.00	0.18	0.21	0.00	0.01	6.47	0.00	0.00
NOx	70	ppm	12	1	21.91	17.42	17.28	22.45	19.51	23.74	24.73	20.07	24.11	24.88	22.96	21.09	21.31	22.93	19.26	18.81
HCl	15	ppm	12	1	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.83	0.20	0.00	0.00	0.00	0.01	0.16	0.00
CO	50	ppm	12	1	0.65	0.40	0.47	0.35	0.25	0.13	0.18	0.30	0.35	0.21	0.23	0.43	0.49	21.64	0.51	0.32
O_2		%	0	0.1	9.45	7.09	6.90	6.26	6.10	5.85	6.87	7.77	10.64	7.29	7.14	7.45	7.20	5.80	7.04	7.39
FL1		Sm³	12	10	12,055	13,928	14,035	15,003	15,060	15,078	13,823	12,846	10,151	13,238	13,690	13,713	13,829	15,021	14,156	13,198
TMP		℃	0	1	184.93	185.24	184.58	184.12	185.11	185.50	184.88	184.39	184.18	183.54	183.66	184.27	183.57	183.08	184.29	184.15
TM1		℃	0	1	1,048.44	1,043.48	1,053.84	1,077.01	1,078.75	1,101.50	1,103.77	1,070.71	1,064.15	1,084.52	1,081.19	1,054.68	1,045.53	1,093.47	1,067.39	1,060.87
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

					01-04 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	0.86	0.66	0.67	0.72	0.68	0.66	0.72	0.71	0.87	0.76	0.72	0.79	0.74	0.75	0.81	0.70
SOx	30	ppm	12	1	0.00	0.00	0.61	0.00	0.51	0.58	1.77	1.06	5.17	1.53	3.13	0.00	3.52	4.22	0.00	1.92
NOx	70	ppm	12	1	31.13	20.60	20.99	14.24	19.73	20.51	21.76	17.31	31.96	21.16	27.69	16.93	23.13	25.61	16.22	22.20
HCl	15	ppm	12	1	0.98	0.00	0.18	0.09	0.01	0.21	0.59	2.56	4.84	1.26	0.00	0.70	1.63	3.34	5.45	2.02
CO	50	ppm	12	1	0.17	0.26	0.27	0.69	0.29	0.46	2.09	0.54	0.48	0.60	0.35	0.63	0.45	0.51	1.22	0.41
O_2		%	0	0.1	10.17	7.00	7.27	8.10	7.54	7.00	7.88	7.99	10.33	8.15	7.43	8.86	7.85	7.90	9.22	7.32
FL1		Sm³	12	10	10,802	13,655	13,103	12,548	13,308	13,766	13,246	12,965	11,586	13,601	14,454	12,475	13,792	13,683	12,139	14,450
TMP		℃	0	1	183.89	184.21	184.42	184.23	183.63	184.06	185.35	185.03	185.90	186.98	187.73	187.26	187.41	187.65	186.94	186.48
TM1		℃	0	1	1,081.11	1,079.87	1,080.27	1,037.18	1,061.21	1,066.22	1,037.08	1,047.08	1,054.09	1,042.90	1,073.88	1,019.24	1,048.50	1,043.95	1,003.39	1,063.16
TM3		℃	0	1	36.44	36.44	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47