1월 23일 굴뚝별 트랜드

					01-23 00:00	01-23 00:30	01-23 01:00	01-23 01:30	01-23 02:00	01-23 02:30	01-23 03:00	01-23 03:30	01-23 04:00	01-23 04:30	01-23 05:00	01-23 05:30	01-23 06:00	01-23 06:30	01-23 07:00	01-23 07:30
TSP	20	mg/Sm³	12	1	0.72	0.69	0.57	0.56	0.64	0.59	0.64	0.54	0.78	0.61	0.67	0.56	0.69	0.60	0.61	0.64
SOx	30	ppm	12	1	9.57	3.73	7.24	5.92	0.01	1.90	9.85	8.17	0.00	0.01	0.17	18.12	0.36	8.37	2.32	0.00
NOx	70	ppm	12	1	26.72	11.34	20.42	19.90	17.50	20.90	12.88	21.26	17.52	16.92	15.16	20.82	14.21	21.64	24.83	22.49
HCl	15	ppm	12	1	9.75	6.74	2.11	2.38	4.09	2.50	6.97	4.19	13.19	0.50	1.36	4.59	7.32	5.15	7.08	5.85
CO	50	ppm	12	1	0.75	1.15	22.09	7.86	0.42	0.28	25.80	2.61	0.47	11.81	0.67	19.70	0.77	14.93	0.18	0.26
O_2		%	0	0.1	8.24	8.87	6.24	5.99	7.73	6.74	7.45	5.41	10.19	6.88	8.38	5.80	8.31	6.24	6.68	7.42
FL1		Sm³	12	10	13,017	11,666	15,294	15,421	13,327	14,450	13,233	16,269	10,722	13,458	12,901	15,949	13,278	15,582	14,968	13,758
TMP		℃	0	1	184.25	184.24	183.92	185.38	185.79	185.04	184.90	185.18	184.85	184.00	183.12	184.42	186.06	186.09	186.60	185.77
TM1		℃	0	1	1,085.45	1,035.52	1,058.30	1,084.56	1,058.29	1,068.92	1,073.89	1,090.13	1,057.98	1,085.07	1,027.00	1,113.37	1,034.97	1,096.88	1,086.54	1,057.39
TM3		℃	0	1	36.48	36.48	36.49	36.49	36.49	36.50	36.49	36.50	36.49	36.49	36.49	36.50	36.51	36.49	36.50	36.50

					01-23 08:00	01-23 08:30	01-23 09:00	01-23 09:30	01-23 10:00	01-23 10:30	01-23 11:00	01-23 11:30	01-23 12:00	01-23 12:30	01-23 13:00	01-23 13:30	01-23 14:00	01-23 14:30	01-23 15:00	01-23 15:30
TSP	20	mg/Sm³	12	1	0.77	0.60	0.62	0.59	0.58	0.63	0.53	0.59	0.74	0.58	0.63	0.56	0.61	0.62	0.56	0.58
SOx	30	ppm	12	1	0.07	0.02	0.00	0.00	0.03	0.03	7.67	0.00	0.01	0.88	0.19	0.17	0.67	0.68	1.56	3.42
NOx	70	ppm	12	1	29.38	21.35	18.50	18.25	17.60	17.03	21.52	22.79	13.89	17.70	19.93	21.81	15.85	14.09	18.21	18.84
HCl	15	ppm	12	1	10.37	0.98	0.52	0.14	0.75	1.43	0.89	0.61	3.45	1.06	1.86	0.07	0.54	1.31	0.35	3.61
CO	50	ppm	12	1	0.29	0.29	0.32	0.24	0.87	0.39	34.22	0.34	0.69	0.28	0.33	8.66	0.57	0.37	0.33	0.13
O_2		%	0	0.1	9.65	7.13	7.50	6.91	6.79	7.83	5.49	7.37	10.43	7.11	8.19	6.83	7.69	7.98	6.47	7.16
FL1		Sm³	12	10	11,308	13,767	13,392	13,837	13,914	12,664	15,457	13,445	11,016	13,524	12,642	14,243	13,098	12,667	14,552	13,614
TMP		℃	0	1	184.09	183.86	184.07	184.20	183.83	183.69	183.98	184.53	183.20	182.26	183.99	183.77	183.52	184.08	184.37	184.82
TM1		℃	0	1	1,069.29	1,058.43	1,045.43	1,071.60	1,065.20	1,061.84	1,125.35	1,083.35	1,041.37	1,085.42	1,057.27	1,053.83	1,048.39	1,063.69	1,055.35	1,087.54
TM3		℃	0	1	36.50	36.50	36.49	36.49	36.48	36.48	36.48	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					01-23 16:00	01-23 16:30	01-23 17:00	01-23 17:30	01-23 18:00	01-23 18:30	01-23 19:00	01-23 19:30	01-23 20:00	01-23 20:30	01-23 21:00	01-23 21:30	01-23 22:00	01-23 22:30	01-23 23:00	01-23 23:30
TSP	20	mg/Sm³	12	1	0.73	0.58	0.65	0.60	0.56	0.58	0.56	0.65	0.72	0.60	0.57	0.61	0.64	0.60	0.56	0.61
SOx	30	ppm	12	1	0.00	0.41	0.00	3.89	7.69	0.46	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00	2.25	0.00
NOx	70	ppm	12	1	26.35	19.25	12.43	14.44	15.40	16.29	21.63	13.10	24.94	16.15	19.67	17.76	15.97	16.07	18.08	18.79
HCl	15	ppm	12	1	3.88	0.36	0.78	1.70	0.70	0.54	0.06	1.10	1.06	0.14	0.00	0.01	0.00	0.00	0.00	0.05
CO	50	ppm	12	1	0.26	0.18	0.53	15.91	33.12	0.33	0.10	0.44	0.31	0.34	0.32	0.27	0.53	0.43	1.26	0.26
O_2		%	0	0.1	9.12	6.75	8.19	6.80	6.24	6.78	6.55	8.49	9.02	7.56	6.84	7.65	8.26	7.37	6.26	7.42
FL1		Sm³	12	10	11,947	14,159	12,516	13,936	14,855	14,341	14,471	12,335	12,034	13,571	14,687	13,234	12,832	13,800	15,060	13,717
TMP		℃	0	1	185.80	186.14	185.30	184.54	185.67	185.99	186.01	185.31	184.22	184.24	184.75	184.74	184.72	184.75	185.29	185.61
TM1		℃	0	1	1,061.21	1,079.79	1,015.17	1,081.65	1,088.65	1,078.01	1,082.35	1,031.12	1,075.73	1,049.82	1,066.63	1,055.13	1,024.67	1,039.40	1,066.73	1,057.97
TM3		℃	0	1	36.47	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.47	36.47

1월 24일 굴뚝별 트랜드

					01-24 00:00	01-24 00:30	01-24 01:00	01-24 01:30	01-24 02:00	01-24 02:30	01-24 03:00	01-24 03:30	01-24 04:00	01-24 04:30	01-24 05:00	01-24 05:30	01-24 06:00	01-24 06:30	01-24 07:00	01-24 07:30
TSP	20	mg/Sm³	12	1	0.73	0.69	0.65	0.64	0.61	0.60	0.69	0.65	0.82	0.64	0.74	0.65	0.65	0.65	0.67	0.61
SOx	30	ppm	12	1	0.99	0.25	0.00	1.00	0.55	0.84	0.00	0.00	0.00	0.00	0.00	4.22	0.74	2.86	1.16	11.80
NOx	70	ppm	12	1	25.89	13.06	12.67	17.94	18.93	21.94	16.46	13.98	19.68	21.39	16.79	19.29	18.20	16.75	18.82	21.87
HCl	15	ppm	12	1	1.54	0.88	0.52	0.50	0.13	0.05	0.99	0.38	3.29	0.01	1.51	2.49	0.87	3.83	3.99	3.50
CO	50	ppm	12	1	0.44	0.64	0.44	0.31	0.24	0.12	0.29	0.40	0.40	0.25	1.00	0.37	0.57	0.45	0.34	0.39
O_2		%	0	0.1	8.93	8.70	7.99	7.61	7.03	6.79	8.40	7.69	11.16	7.67	9.35	7.75	7.77	7.96	8.49	6.79
FL1		Sm³	12	10	12,525	12,124	12,760	13,418	14,229	14,502	12,611	13,390	10,159	13,335	11,770	13,076	13,282	12,775	12,250	14,263
TMP		℃	0	1	185.86	185.50	183.85	183.80	184.86	185.61	185.25	184.40	183.40	183.24	183.53	183.14	182.99	182.27	182.14	182.49
TM1		℃	0	1	1,076.85	1,040.33	1,026.96	1,066.95	1,069.50	1,082.39	1,055.99	1,027.82	1,043.07	1,050.55	996.85	1,044.10	1,024.27	1,051.89	1,052.87	1,095.64
TM3		℃	0	1	36.48	36.48	36.48	36.49	36.48	36.48	36.48	36.48	36.49	36.50	36.50	36.51	36.51	36.51	36.51	36.51

					01-24 08:00	01-24 08:30	01-24 09:00	01-24 09:30	01-24 10:00	01-24 10:30	01-24 11:00	01-24 11:30	01-24 12:00	01-24 12:30	01-24 13:00	01-24 13:30	01-24 14:00	01-24 14:30	01-24 15:00	01-24 15:30
TSP	20	mg/Sm³	12	1	0.75	0.70	0.50	0.46	0.46	0.46	0.45	0.45	0.45	0.45	0.45	0.44	0.44	0.43	0.43	0.44
SOx	30	ppm	12	1	4.24	0.71	1.21	0.00	0.01	38.79	0.07	0.12	0.04	0.00	0.00	0.00	0.00	0.00	0.00	12.83
NOx	70	ppm	12	1	21.69	12.58	25.44	1.06	0.61	83.07	0.70	0.73	0.72	0.24	0.17	0.19	0.17	0.18	0.14	5.67
HCl	15	ppm	12	1	8.77	4.33	1.62	0.65	2.99	9.95	0.21	0.19	0.06	0.00	0.00	0.00	0.00	0.00	0.00	9.58
CO	50	ppm	12	1	0.43	0.87	0.45	0.03	0.00	107.86	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.64
O_2		%	0	0.1	9.32	8.73	8.89	20.61	9.41	4.87	21.16	21.13	21.21	21.10	21.01	20.91	20.90	20.90	20.90	17.91
FL1		Sm³	12	10	12,213	12,132	17,237	18,217	18,580	18,402	18,096	18,075	18,343	18,475	18,316	17,816	18,040	15,422	16,842	18,608
TMP		℃	0	1	183.66	183.92	183.64	184.32	184.63	184.77	183.68	183.69	184.28	185.37	185.78	184.98	184.79	182.91	182.42	183.20
TM1		℃	0	1	1,061.83	1,033.15	1,084.58	1,040.21	1,072.35	1,044.14	1,037.03	1,072.37	1,066.15	1,094.86	1,090.39	1,050.64	1,065.91	1,066.24	1,031.43	1,084.13
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.50	36.50	36.51	36.50	36.49	36.49	36.49	36.49	36.49	36.49

					01-24 16:00	01-24 16:30	01-24 17:00	01-24 17:30	01-24 18:00	01-24 18:30	01-24 19:00	01-24 19:30	01-24 20:00	01-24 20:30	01-24 21:00	01-24 21:30	01-24 22:00	01-24 22:30	01-24 23:00	01-24 23:30
TSP	20	mg/Sm³	12	1	0.43	0.44	0.68	0.53	0.57	0.56	0.65	0.59	0.74	0.57	0.61	0.62	0.60	0.59	0.60	0.62
SOx	30	ppm	12	1	4.73	2.79	0.00	0.46	0.40	0.00	0.00	0.00	0.38	0.04	0.00	0.00	0.00	0.00	0.00	0.08
NOx	70	ppm	12	1	11.37	32.38	11.26	23.05	21.11	21.55	16.08	21.73	16.33	21.51	17.31	16.99	18.77	19.48	18.16	14.50
HCl	15	ppm	12	1	9.15	11.34	6.04	3.67	5.76	4.41	4.03	2.32	5.81	3.11	2.03	1.58	1.36	0.78	0.65	1.49
CO	50	ppm	12	1	0.16	32.56	1.18	0.23	0.52	0.40	0.63	0.36	0.78	0.28	0.38	0.58	0.39	0.28	0.31	0.50
O_2		%	0	0.1	17.04	6.60	8.96	5.90	6.70	6.58	8.28	7.03	9.74	6.59	7.24	7.71	7.32	6.81	6.99	7.53
FL1		Sm³	12	10	18,682	17,912	11,550	14,545	13,993	14,266	12,482	13,900	11,642	14,452	13,788	13,339	13,464	14,212	13,903	13,177
TMP		℃	0	1	184.48	184.73	183.68	181.95	182.85	184.02	184.07	183.69	183.63	183.94	184.20	183.45	182.78	183.21	183.59	183.62
TM1		℃	0	1	1,060.53	1,083.85	1,012.13	1,096.21	1,095.12	1,075.76	1,044.08	1,067.00	1,027.36	1,082.65	1,064.79	1,029.59	1,056.67	1,058.13	1,058.68	1,042.57
TM3		℃	0	1	36.49	36.50	36.49	36.48	36.48	36.48	36.47	36.48	36.48	36.47	36.48	36.48	36.48	36.48	36.48	36.48

1월 25일 굴뚝별 트랜드

					01-25 00:00	01-25 00:30	01-25 01:00	01-25 01:30	01-25 02:00	01-25 02:30	01-25 03:00	01-25 03:30	01-25 04:00	01-25 04:30	01-25 05:00	01-25 05:30	01-25 06:00	01-25 06:30	01-25 07:00	01-25 07:30
TSP	20	mg/Sm³	12	1	0.77	0.60	0.59	0.66	0.64	0.66	0.61	0.59	0.76	0.65	0.66	0.61	0.59	0.61	0.61	0.67
SOx	30	ppm	12	1	0.00	0.30	6.97	0.24	0.18	1.79	0.16	0.16	0.00	0.00	0.00	0.82	0.47	0.00	0.00	0.00
NOx	70	ppm	12	1	14.45	18.74	14.13	10.00	15.47	14.28	17.83	20.45	25.12	15.49	12.97	17.02	19.01	15.84	19.34	16.34
HCl	15	ppm	12	1	3.70	1.47	1.51	2.83	1.27	1.18	1.12	0.90	2.92	0.48	0.92	0.42	1.08	0.82	0.26	1.04
CO	50	ppm	12	1	0.99	0.37	17.95	3.10	0.36	20.38	0.34	0.28	0.44	0.56	0.42	8.40	0.31	0.42	0.32	0.73
O_2		%	0	0.1	10.71	6.80	6.50	7.82	7.77	7.61	7.24	6.61	9.14	7.94	8.17	6.98	6.62	7.25	7.26	8.06
FL1		Sm³	12	10	11,145	14,036	14,672	12,872	12,925	13,316	13,886	14,488	11,725	12,921	12,259	13,888	14,438	13,756	13,841	12,941
TMP		℃	0	1	183.49	182.57	183.39	183.46	182.78	182.31	182.86	184.62	184.86	184.15	182.68	181.62	183.14	184.29	184.65	184.57
TM1		℃	0	1	1,017.19	1,083.95	1,058.45	1,037.84	1,077.51	1,044.27	1,068.23	1,071.25	1,070.60	1,028.37	1,045.93	1,065.15	1,084.22	1,051.88	1,063.88	1,036.40
TM3		℃	0	1	36.48	36.48	36.50	36.50	36.50	36.50	36.50	36.51	36.51	36.50	36.51	36.51	36.50	36.50	36.50	36.50

					01-25 08:00	01-25 08:30	01-25 09:00	01-25 09:30	01-25 10:00	01-25 10:30	01-25 11:00	01-25 11:30	01-25 12:00	01-25 12:30	01-25 13:00	01-25 13:30	01-25 14:00	01-25 14:30	01-25 15:00	01-25 15:30
TSP	20	mg/Sm³	12	1	0.80	0.64	0.64	0.58	0.57	0.57	0.56	0.62	0.73	0.60	0.56	0.60	0.58	0.57	0.61	0.65
SOx	30	ppm	12	1	0.00	1.29	0.44	0.00	0.37	2.87	0.00	0.00	0.54	0.49	0.12	0.00	0.00	0.21	0.00	0.00
NOx	70	ppm	12	1	20.32	18.35	15.35	15.69	19.71	16.84	21.35	14.99	26.74	15.55	21.08	22.69	19.12	19.85	20.25	14.75
HCl	15	ppm	12	1	5.09	0.90	0.18	0.01	0.23	2.77	0.94	1.23	6.10	3.58	0.90	0.31	0.64	0.88	1.60	3.80
CO	50	ppm	12	1	0.81	0.83	0.53	0.42	2.10	1.22	0.27	0.66	0.54	0.53	0.46	0.32	0.48	0.35	0.48	0.77
O_2		%	0	0.1	10.22	7.80	7.65	6.71	6.56	6.56	6.32	7.71	8.90	7.06	6.33	7.04	6.88	6.33	7.33	8.36
FL1		Sm³	12	10	11,552	14,072	13,611	14,496	14,649	14,578	14,854	13,234	11,906	13,700	14,760	14,048	14,217	14,735	13,726	12,633
TMP		℃	0	1	184.40	184.88	185.90	184.72	184.04	184.97	185.06	184.55	183.94	184.35	184.88	185.28	185.24	185.37	185.20	184.52
TM1		℃	0	1	1,017.30	1,025.09	1,052.71	1,040.75	1,063.23	1,068.39	1,091.19	1,027.65	1,064.84	1,070.31	1,083.89	1,065.43	1,053.77	1,078.33	1,041.05	1,024.90
TM3		℃	0	1	36.50	36.50	36.50	36.49	36.49	36.48	36.48	36.48	36.49	36.48	36.48	36.49	36.48	36.48	36.48	36.49

					01-25 16:00	01-25 16:30	01-25 17:00	01-25 17:30	01-25 18:00	01-25 18:30	01-25 19:00	01-25 19:30	01-25 20:00	01-25 20:30	01-25 21:00	01-25 21:30	01-25 22:00	01-25 22:30	01-25 23:00	01-25 23:30
TSP	20	mg/Sm³	12	1	0.77	0.63	0.69	0.62	0.62	0.63	0.58	0.63	0.79	0.65	0.70	0.60	0.62	0.57	0.55	0.64
SOx	30	ppm	12	1	4.53	2.77	0.00	3.47	0.65	0.00	2.48	8.68	9.78	0.90	1.54	5.46	0.00	0.00	0.02	0.00
NOx	70	ppm	12	1	24.65	22.43	14.41	17.94	14.18	12.32	14.39	14.35	33.60	23.16	14.77	21.73	21.35	24.11	23.12	13.08
HCl	15	ppm	12	1	14.66	5.23	2.99	3.04	9.03	4.47	3.24	5.27	13.12	2.60	8.24	9.73	6.48	3.98	1.52	2.88
CO	50	ppm	12	1	0.74	0.45	1.14	0.60	0.66	0.57	0.43	21.94	3.02	0.54	1.35	0.43	0.49	0.31	0.24	0.56
O_2		%	0	0.1	9.55	7.79	8.91	7.69	7.73	7.91	6.86	7.52	10.39	7.95	8.82	6.83	7.45	6.22	5.79	7.68
FL1		Sm³	12	10	12,295	14,055	12,592	14,239	13,951	13,823	14,981	14,333	11,768	14,295	13,048	14,530	13,699	15,167	15,622	13,480
TMP		℃	0	1	184.95	186.24	185.27	184.26	185.04	185.21	185.42	186.27	187.02	187.55	187.39	186.20	185.48	184.59	185.40	185.25
TM1		℃	0	1	1,043.95	1,057.49	996.65	1,020.21	1,010.96	1,017.88	1,032.74	1,035.29	1,065.34	1,030.71	997.57	1,044.84	1,050.52	1,077.92	1,106.15	1,036.60
TM3		℃	0	1	36.49	36.48	36.48	36.48	36.49	36.48	36.48	36.48	36.49	36.49	36.50	36.50	36.50	36.50	36.50	36.51