1월 11일 굴뚝별 트랜드

					01-11 00:00	01-11 00:30	01-11 01:00	01-11 01:30	01-11 02:00	01-11 02:30	01-11 03:00	01-11 03:30	01-11 04:00	01-11 04:30	01-11 05:00	01-11 05:30	01-11 06:00	01-11 06:30	01-11 07:00	01-11 07:30
TSP	20	mg/Sm³	12	1	0.85	0.74	0.70	0.71	0.78	0.77	0.70	0.71	0.94	0.79	0.79	0.74	0.78	0.74	0.71	0.73
SOx	30	ppm	12	1	0.53	0.00	6.26	5.43	0.00	1.37	1.20	0.58	7.05	1.06	2.96	1.47	0.08	6.89	1.11	0.00
NOx	70	ppm	12	1	28.37	14.14	23.61	19.45	18.37	15.84	23.63	25.14	30.81	19.42	19.84	19.98	21.50	22.89	26.01	24.65
HCl	15	ppm	12	1	3.09	1.16	1.48	8.50	5.69	2.46	2.69	3.14	7.76	3.02	7.43	5.60	7.72	7.90	6.51	5.35
CO	50	ppm	12	1	0.39	0.65	0.43	0.25	0.51	1.62	0.21	0.27	1.11	0.51	0.43	0.40	0.52	0.40	0.25	0.25
O_2		%	0	0.1	9.87	8.23	7.03	7.40	8.30	8.25	6.98	7.00	9.56	8.20	8.45	7.49	8.46	7.32	7.20	7.60
FL1		Sm³	12	10	11,143	12,119	14,508	13,560	12,912	13,017	14,491	14,575	11,472	12,835	12,746	13,878	12,726	14,125	14,247	13,809
TMP		℃	0	1	183.95	183.27	183.49	185.00	185.17	184.88	185.56	186.45	186.79	185.98	185.44	185.60	185.54	185.82	186.50	186.46
TM1		℃	0	1	1,060.93	1,027.55	1,062.77	1,073.83	1,038.13	1,033.94	1,080.55	1,078.91	1,105.13	1,052.35	1,060.27	1,050.79	1,027.74	1,083.45	1,074.21	1,063.21
TM3		℃	0	1	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	36.47	36.47

					01-11 08:00	01-11 08:30	01-11 09:00	01-11 09:30	01-11 10:00	01-11 10:30	01-11 11:00	01-11 11:30	01-11 12:00	01-11 12:30	01-11 13:00	01-11 13:30	01-11 14:00	01-11 14:30	01-11 15:00	01-11 15:30
TSP	20	mg/Sm³	12	1	0.90	0.71	0.73	0.72	0.69	0.79	0.75	0.67	0.86	0.69	0.64	0.64	0.63	0.68	0.63	0.68
SOx	30	ppm	12	1	0.03	2.70	0.60	0.71	0.90	0.39	0.35	0.00	0.00	0.00	0.00	0.00	0.07	0.02	0.11	0.00
NOx	70	ppm	12	1	32.57	28.21	24.52	22.70	25.17	21.31	27.29	18.68	32.75	16.14	21.35	18.99	22.69	17.16	20.35	16.06
HCl	15	ppm	12	1	7.32	1.13	2.64	2.14	3.22	6.21	4.27	2.22	3.69	0.42	0.12	0.05	0.38	1.50	0.98	1.62
CO	50	ppm	12	1	0.25	0.13	0.23	0.27	0.21	0.51	0.38	0.34	0.38	0.53	0.52	0.37	0.25	0.38	0.63	0.44
O_2		%	0	0.1	9.84	7.07	7.70	7.64	7.17	8.75	8.12	6.89	9.27	7.22	6.27	6.35	6.20	7.18	6.25	7.26
FL1		Sm³	12	10	12,013	14,433	13,002	12,948	13,729	12,629	12,947	13,790	11,817	13,385	14,710	14,476	14,306	13,314	14,395	12,977
TMP		℃	0	1	186.45	186.64	185.86	184.86	184.08	184.66	184.84	184.55	184.99	185.05	184.75	185.17	185.45	185.06	185.22	185.10
TM1		℃	0	1	1,078.39	1,099.29	1,066.65	1,058.45	1,058.85	1,030.25	1,052.32	1,051.79	1,054.55	1,022.77	1,034.51	1,053.31	1,075.55	1,042.60	1,058.59	1,035.19
TM3		℃	0	1	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	36.47	36.47

					01-11 16:00	01-11 16:30	01-11 17:00	01-11 17:30	01-11 18:00	01-11 18:30	01-11 19:00	01-11 19:30	01-11 20:00	01-11 20:30	01-11 21:00	01-11 21:30	01-11 22:00	01-11 22:30	01-11 23:00	01-11 23:30
TSP	20	mg/Sm³	12	1	0.83	0.62	0.65	0.67	0.71	0.71	0.72	0.67	0.83	0.65	0.64	0.65	0.65	0.66	0.66	0.70
SOx	30	ppm	12	1	0.00	0.09	0.00	0.18	2.13	6.72	0.30	10.03	6.27	0.06	0.16	0.00	3.29	1.47	0.14	0.55
NOx	70	ppm	12	1	23.19	25.85	18.34	18.11	18.87	16.00	27.00	26.84	32.67	20.77	23.44	23.98	22.71	21.92	23.31	18.74
HCl	15	ppm	12	1	3.91	0.18	0.63	0.70	1.94	6.20	1.87	1.96	7.08	1.78	1.18	1.63	3.34	4.23	3.79	3.38
CO	50	ppm	12	1	0.42	0.22	0.33	0.36	0.38	0.39	0.32	4.50	15.09	1.01	0.26	0.19	0.67	11.92	0.33	0.38
O_2		%	0	0.1	9.43	6.30	6.69	7.09	7.74	7.94	7.85	6.78	9.17	6.72	6.40	6.70	6.61	6.78	7.05	7.63
FL1		Sm³	12	10	11,168	14,267	13,766	13,357	13,045	11,999	12,968	14,527	11,582	13,566	13,956	13,690	13,822	13,699	13,213	12,695
TMP		℃	0	1	184.33	184.19	184.60	184.51	184.40	183.88	183.58	185.22	185.74	185.46	185.04	185.47	185.63	185.62	185.30	185.11
TM1		℃	0	1	1,053.91	1,072.21	1,050.73	1,040.19	1,041.19	1,055.97	1,067.51	1,069.36	1,085.51	1,077.52	1,076.41	1,073.49	1,074.46	1,073.30	1,054.58	1,054.82
TM3		℃	0	1	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	36.47	36.47

1월 12일 굴뚝별 트랜드

					01-12 00:00	01-12 00:30	01-12 01:00	01-12 01:30	01-12 02:00	01-12 02:30	01-12 03:00	01-12 03:30	01-12 04:00	01-12 04:30	01-12 05:00	01-12 05:30	01-12 06:00	01-12 06:30	01-12 07:00	01-12 07:30
TSP	20	mg/Sm³	12	1	0.88	0.72	0.67	0.67	0.70	0.65	0.67	0.66	0.85	0.75	0.64	0.75	0.64	0.66	0.68	0.66
SOx	30	ppm	12	1	0.70	0.00	2.45	1.81	0.01	0.00	0.78	0.12	1.35	1.07	4.56	0.42	0.91	0.40	0.00	0.93
NOx	70	ppm	12	1	27.48	20.78	22.71	24.14	21.77	20.81	20.69	22.37	26.46	16.16	23.92	14.87	15.73	17.15	18.28	21.02
HCl	15	ppm	12	1	5.66	0.91	4.89	6.23	1.46	0.27	1.05	1.28	3.94	1.84	2.97	6.06	1.92	1.70	0.45	0.81
CO	50	ppm	12	1	4.43	0.38	0.25	0.25	0.61	0.21	0.22	0.16	0.23	0.49	0.13	0.34	6.08	0.17	0.25	0.17
O_2		%	0	0.1	9.79	8.16	7.15	7.07	7.43	6.85	7.22	7.11	9.54	8.34	6.49	8.73	6.70	7.24	7.30	7.08
FL1		Sm³	12	10	9,931	12,198	13,495	13,300	13,329	13,345	12,944	12,950	10,776	11,913	13,747	11,400	13,307	12,851	13,236	13,352
TMP		℃	0	1	184.84	184.22	183.94	184.84	185.39	184.81	184.18	183.93	183.84	183.93	183.11	183.22	182.70	182.71	183.64	184.48
TM1		℃	0	1	1,091.48	1,032.64	1,069.87	1,069.81	1,064.57	1,067.24	1,089.86	1,081.66	1,095.81	1,034.19	1,094.34	1,034.69	1,083.31	1,075.83	1,049.21	1,067.09
TM3		℃	0	1	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	36.47	36.47

					01-12 08:00	01-12 08:30	01-12 09:00	01-12 09:30	01-12 10:00	01-12 10:30	01-12 11:00	01-12 11:30	01-12 12:00	01-12 12:30	01-12 13:00	01-12 13:30	01-12 14:00	01-12 14:30	01-12 15:00	01-12 15:30
TSP	20	mg/Sm³	12	1	0.86	0.67	0.77	0.74	0.66	0.69	0.66	0.66	0.83	0.66	0.67	0.68	0.65	0.72	0.61	0.67
SOx	30	ppm	12	1	0.00	0.00	0.27	0.58	1.20	0.00	0.05	0.00	0.54	0.09	1.38	0.05	0.92	0.00	3.48	0.00
NOx	70	ppm	12	1	21.24	16.60	13.03	14.07	16.32	14.00	17.15	11.23	14.56	15.34	15.12	8.90	10.89	8.86	19.51	15.57
HCl	15	ppm	12	1	2.52	0.16	2.20	5.60	2.35	1.73	0.25	0.06	1.61	0.00	0.21	0.53	0.02	0.00	0.02	0.22
CO	50	ppm	12	1	0.27	0.25	0.55	0.42	0.28	0.31	0.26	0.38	0.43	0.15	0.25	0.54	0.47	0.76	0.37	0.21
O_2		%	0	0.1	9.99	7.04	8.74	8.30	6.76	7.56	6.84	6.76	9.56	6.97	6.91	7.36	6.63	7.97	5.80	7.32
FL1		Sm³	12	10	10,686	13,523	12,090	12,968	14,248	13,006	14,194	14,267	11,869	13,969	14,044	13,630	14,560	13,318	15,396	13,508
TMP		℃	0	1	185.21	185.31	184.86	184.91	185.73	185.16	185.43	186.02	185.85	186.27	186.47	186.18	186.70	186.40	185.97	186.30
TM1		℃	0	1	1,048.29	1,045.50	1,006.93	1,015.91	1,050.31	1,035.52	1,050.19	1,034.34	1,031.25	1,061.47	1,047.79	1,012.25	1,036.26	998.43	1,078.41	1,048.22
TM3		℃	0	1	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	36.47	36.47

					01-12 16:00	01-12 16:30	01-12 17:00	01-12 17:30	01-12 18:00	01-12 18:30	01-12 19:00	01-12 19:30	01-12 20:00	01-12 20:30	01-12 21:00	01-12 21:30	01-12 22:00	01-12 22:30	01-12 23:00	01-12 23:30
TSP	20	mg/Sm³	12	1	0.82	0.72	0.68	0.65	0.65	0.62	0.68	0.68	0.81	0.68	0.69	0.65	0.63	0.67	0.66	0.64
SOx	30	ppm	12	1	1.00	1.22	0.30	0.01	1.57	4.79	1.54	0.31	5.63	1.33	0.00	0.02	2.05	0.15	0.00	0.76
NOx	70	ppm	12	1	24.37	11.47	12.49	16.64	19.11	22.91	17.25	21.63	22.43	17.30	18.91	23.81	26.54	19.38	23.54	24.36
HCl	15	ppm	12	1	2.25	2.18	0.86	0.82	1.68	2.02	5.14	2.69	7.99	6.90	2.80	0.26	0.15	1.34	0.98	0.83
CO	50	ppm	12	1	0.13	0.32	0.35	0.16	0.10	0.10	0.25	0.16	0.36	0.31	0.17	0.16	0.09	0.21	0.21	0.16
O_2		%	0	0.1	9.61	7.99	7.45	6.96	6.85	6.14	7.48	7.33	9.12	7.37	7.52	6.56	6.38	6.97	6.91	6.34
FL1		Sm³	12	10	11,729	12,587	13,060	13,641	13,754	14,543	12,873	13,276	11,757	13,188	13,078	14,264	14,371	13,736	13,897	14,495
TMP		℃	0	1	185.66	185.32	184.41	184.09	184.03	184.84	184.88	184.96	185.13	185.08	185.40	185.67	185.54	185.42	185.71	185.78
TM1		℃	0	1	1,065.29	1,034.95	1,039.25	1,057.00	1,077.55	1,088.81	1,067.96	1,076.89	1,082.42	1,064.46	1,065.01	1,093.75	1,095.24	1,070.61	1,057.03	1,071.55
TM3		℃	0	1	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	36.47	36.47

1월 13일 굴뚝별 트랜드

					01-13 00:00	01-13 00:30	01-13 01:00	01-13 01:30	01-13 02:00	01-13 02:30	01-13 03:00	01-13 03:30	01-13 04:00	01-13 04:30	01-13 05:00	01-13 05:30	01-13 06:00	01-13 06:30	01-13 07:00	01-13 07:30
TSP	20	mg/Sm³	12	1	0.83	0.74	0.66	0.66	0.64	0.66	0.66	0.63	0.92	0.69	0.67	0.69	0.69	0.68	0.63	0.75
SOx	30	ppm	12	1	1.86	0.05	1.05	0.82	1.30	1.56	1.83	0.19	0.00	0.45	0.00	0.00	0.00	0.00	3.01	0.00
NOx	70	ppm	12	1	32.73	17.90	19.71	20.97	21.52	21.18	23.68	29.07	26.00	19.65	23.39	24.41	15.59	17.94	25.66	17.73
HCl	15	ppm	12	1	4.61	1.44	0.58	0.49	0.38	0.57	2.02	0.77	5.76	0.38	0.00	0.00	0.00	0.00	0.38	1.22
CO	50	ppm	12	1	0.17	0.45	0.25	0.19	0.15	0.12	0.12	0.08	0.30	0.37	0.20	0.22	0.29	0.23	0.06	0.32
O_2		%	0	0.1	9.28	8.23	6.80	6.82	6.48	6.65	6.86	6.13	11.14	7.40	7.16	7.36	7.30	6.81	5.93	8.27
FL1		Sm³	12	10	11,981	12,253	13,879	13,941	14,394	13,997	13,705	14,542	9,795	13,131	13,581	13,439	13,385	13,813	14,519	12,403
TMP		℃	0	1	185.86	185.75	184.73	184.47	185.60	185.89	185.57	185.88	185.48	184.09	183.80	184.40	184.89	184.71	184.49	184.97
TM1		℃	0	1	1,085.69	1,047.63	1,052.61	1,064.40	1,077.81	1,076.92	1,092.55	1,106.63	1,055.34	1,047.01	1,052.16	1,048.07	1,036.15	1,050.11	1,104.78	1,037.47
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.47	36.47	36.50

					01-13 08:00	01-13 08:30	01-13 09:00	01-13 09:30	01-13 10:00	01-13 10:30	01-13 11:00	01-13 11:30	01-13 12:00	01-13 12:30	01-13 13:00	01-13 13:30	01-13 14:00	01-13 14:30	01-13 15:00	01-13 15:30
TSP	20	mg/Sm³	12	1	0.88	0.70	0.69	0.65	0.71	0.64	0.69	0.64	0.87	0.71	0.65	0.61	0.61	0.63	0.70	0.59
SOx	30	ppm	12	1	0.23	0.00	0.62	6.87	2.10	5.14	0.26	0.00	0.00	0.07	0.00	2.40	0.00	0.13	0.00	0.03
NOx	70	ppm	12	1	29.92	20.36	16.88	19.20	14.26	22.40	15.81	20.63	20.95	16.37	16.70	20.10	20.62	22.35	16.10	22.10
HCl	15	ppm	12	1	2.97	0.34	0.18	1.03	5.74	8.79	5.72	1.72	4.16	0.16	0.56	1.40	0.36	0.02	0.66	0.57
CO	50	ppm	12	1	0.20	0.19	0.40	2.93	0.43	0.11	0.30	0.14	0.26	0.38	0.17	0.32	0.10	0.09	0.22	0.14
O_2		%	0	0.1	9.59	7.49	7.28	6.46	7.71	6.56	7.51	6.42	9.99	7.71	6.90	5.97	5.97	6.38	7.95	5.49
FL1		Sm³	12	10	11,221	13,222	13,421	14,077	12,701	13,923	13,139	14,401	10,982	12,636	13,337	14,559	14,856	14,266	12,242	15,035
TMP		℃	0	1	185.27	185.40	185.47	184.92	184.39	183.87	184.76	184.80	184.71	184.25	183.46	183.81	185.29	186.04	185.01	184.08
TM1		℃	0	1	1,070.88	1,046.45	1,047.83	1,076.06	1,026.66	1,086.14	1,047.65	1,064.03	1,040.47	1,045.11	1,049.49	1,094.94	1,086.76	1,100.59	1,046.25	1,097.81
TM3		℃	0	1	36.49	36.49	36.50	36.49	36.48	36.48	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					01-13 16:00	01-13 16:30	01-13 17:00	01-13 17:30	01-13 18:00	01-13 18:30	01-13 19:00	01-13 19:30	01-13 20:00	01-13 20:30	01-13 21:00	01-13 21:30	01-13 22:00	01-13 22:30	01-13 23:00	01-13 23:30
TSP	20	mg/Sm³	12	1	0.84	0.65	0.62	0.62	0.67	0.70	0.65	0.65	0.82	0.67	0.65	0.69	0.65	0.67	0.63	0.75
SOx	30	ppm	12	1	0.00	0.00	0.08	8.87	0.79	2.91	0.69	3.82	0.48	6.56	1.54	0.61	1.36	2.62	3.76	0.00
NOx	70	ppm	12	1	26.77	17.83	20.21	18.94	19.22	13.18	18.44	13.34	18.56	15.81	14.50	13.74	15.41	16.28	19.14	8.90
HCl	15	ppm	12	1	2.56	0.32	0.02	2.52	2.69	4.79	2.83	2.89	3.58	1.80	0.29	0.77	0.58	0.76	0.19	1.31
CO	50	ppm	12	1	0.15	0.19	0.13	3.09	0.23	0.46	0.12	1.31	0.32	6.41	4.24	3.68	0.21	3.18	1.09	0.39
O_2		%	0	0.1	9.85	7.03	6.35	6.08	7.24	7.63	6.74	6.75	9.40	6.88	6.74	7.50	6.83	6.76	5.94	8.56
FL1		Sm³	12	10	10,974	13,507	14,345	14,297	13,392	12,642	13,684	13,722	11,771	13,510	13,677	13,063	13,796	13,693	14,626	11,734
TMP		℃	0	1	184.46	185.00	185.14	185.54	185.39	184.76	183.90	184.13	184.19	184.29	184.07	183.48	184.24	185.20	185.33	184.60
TM1		℃	0	1	1,071.31	1,049.61	1,063.29	1,094.57	1,044.74	1,049.95	1,068.14	1,070.70	1,042.72	1,086.13	1,050.57	1,049.22	1,067.18	1,075.32	1,094.11	1,030.71
TM3		℃	0	1	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	36.47	36.48