1월 17일 굴뚝별 트랜드

					01-17 00:00	01-17 00:30	01-17 01:00	01-17 01:30	01-17 02:00	01-17 02:30	01-17 03:00	01-17 03:30	01-17 04:00	01-17 04:30	01-17 05:00	01-17 05:30	01-17 06:00	01-17 06:30	01-17 07:00	01-17 07:30
TSP	20	mg/Sm³	12	1	0.86	0.68	0.68	0.69	0.70	0.68	0.72	0.73	0.84	0.82	0.70	0.72	0.72	0.69	0.73	0.75
SOx	30	ppm	12	1	0.00	0.13	0.33	0.00	0.00	0.16	0.26	0.66	0.72	0.35	13.21	0.00	0.21	0.86	0.86	4.76
NOx	70	ppm	12	1	25.22	20.65	24.47	22.02	20.99	23.45	23.52	21.26	23.97	14.22	18.19	25.84	21.01	26.45	17.45	19.22
HCl	15	ppm	12	1	1.09	0.00	0.00	0.00	0.00	0.00	0.33	1.27	6.57	3.16	4.57	1.93	0.56	0.16	2.65	6.65
CO	50	ppm	12	1	0.15	0.27	0.11	0.13	0.19	0.10	0.12	0.15	0.24	0.66	18.86	0.30	0.38	0.28	0.44	0.47
O_2		%	0	0.1	9.64	6.86	6.75	6.96	6.91	6.55	7.43	7.65	9.56	9.35	7.02	7.81	7.61	6.85	7.69	7.94
FL1		Sm³	12	10	11,515	13,736	13,669	13,624	13,671	14,171	13,288	12,649	11,618	11,162	13,461	13,462	13,578	14,798	13,970	13,139
TMP		℃	0	1	183.52	183.66	183.90	183.97	183.99	184.17	184.55	184.35	183.65	182.65	182.54	182.91	183.73	184.95	185.92	186.12
TM1		℃	0	1	1,064.44	1,078.85	1,095.59	1,087.19	1,071.10	1,085.73	1,081.59	1,082.81	1,068.53	1,028.13	1,075.15	1,057.80	1,052.40	1,055.15	1,029.71	1,024.15
TM3		℃	0	1	36.50	36.50	36.51	36.49	36.49	36.49	36.48	36.49	36.49	36.48	36.48	36.48	36.48	36.49	36.49	36.49

					01-17 08:00	01-17 08:30	01-17 09:00	01-17 09:30	01-17 10:00	01-17 10:30	01-17 11:00	01-17 11:30	01-17 12:00	01-17 12:30	01-17 13:00	01-17 13:30	01-17 14:00	01-17 14:30	01-17 15:00	01-17 15:30
TSP	20	mg/Sm³	12	1	0.90	0.72	0.60	0.52	0.52	0.51	0.52	0.52	0.52	0.52	0.52	2.89	0.46	0.46	0.46	0.45
SOx	30	ppm	12	1	4.43	0.00	0.33	0.03	0.00	39.63	10.74	2.13	0.09	0.14	5.91	1.70	19.75	33.23	1.90	3.49
NOx	70	ppm	12	1	17.58	17.01	13.58	0.74	0.60	83.75	36.29	32.81	9.07	0.63	19.77	5.02	11.85	39.32	26.44	53.09
HCl	15	ppm	12	1	19.37	1.78	0.83	0.02	0.00	10.17	20.99	11.65	4.67	0.00	19.76	7.59	14.33	38.97	32.27	16.08
CO	50	ppm	12	1	1.12	0.56	0.31	0.01	0.00	108.74	0.33	0.60	0.52	0.00	0.30	0.23	0.13	0.67	1.00	0.38
O_2		%	0	0.1	10.95	7.64	13.09	21.13	15.00	3.19	12.33	12.72	17.71	21.13	16.29	18.81	17.31	7.88	8.73	6.77
FL1		Sm³	12	10	11,790	13,755	16,627	18,644	18,526	18,544	18,796	18,413	19,141	18,983	19,276	18,680	18,935	19,717	18,903	19,366
TMP		℃	0	1	184.60	183.89	184.70	185.59	185.39	185.00	186.12	186.13	185.87	186.14	186.20	185.89	185.72	186.86	185.91	185.31
TM1		℃	0	1	989.54	1,029.85	1,036.07	1,049.83	1,021.05	1,060.19	1,070.97	1,065.41	1,024.73	993.19	1,038.86	998.50	1,053.48	1,044.38	1,010.21	1,075.21
TM3		℃	0	1	36.49	36.49	36.50	36.48	36.48	36.48	36.48	36.48	36.48	36.47	36.47	36.48	36.48	36.48	36.47	36.47

					01-17 16:00	01-17 16:30	01-17 17:00	01-17 17:30	01-17 18:00	01-17 18:30	01-17 19:00	01-17 19:30	01-17 20:00	01-17 20:30	01-17 21:00	01-17 21:30	01-17 22:00	01-17 22:30	01-17 23:00	01-17 23:30
TSP	20	mg/Sm³	12	1	0.46	0.68	0.62	0.64	0.64	0.66	0.55	0.59	0.77	0.63	0.66	0.67	0.57	0.60	0.66	0.61
SOx	30	ppm	12	1	0.00	0.00	0.50	0.61	4.89	2.36	0.01	0.00	0.23	2.28	1.64	12.59	6.04	6.82	0.12	0.00
NOx	70	ppm	12	1	41.38	19.79	25.79	27.31	23.58	23.44	27.13	23.38	31.02	26.50	27.18	18.46	26.20	22.98	19.44	21.23
HCl	15	ppm	12	1	10.39	1.94	2.15	5.19	5.31	6.77	0.89	2.16	6.31	3.99	5.22	8.48	5.54	6.10	7.13	3.57
CO	50	ppm	12	1	0.61	0.67	0.45	0.35	0.39	0.36	0.37	0.19	0.41	0.25	0.34	0.69	4.62	15.17	0.63	0.33
O_2		%	0	0.1	11.05	8.75	7.44	7.82	7.91	7.97	5.77	6.80	10.24	7.72	8.20	8.25	6.15	6.99	8.04	7.40
FL1		Sm³	12	10	19,205	12,603	14,208	13,686	13,594	13,348	15,078	13,637	11,246	13,477	13,203	12,846	15,348	14,412	13,331	13,950
TMP		℃	0	1	185.75	184.81	184.49	186.11	186.64	186.53	185.89	184.75	184.14	184.53	185.63	185.89	185.76	186.03	185.71	185.91
TM1		℃	0	1	1,050.33	999.61	1,038.02	1,050.30	1,037.21	1,058.05	1,110.09	1,084.30	1,037.07	1,055.32	1,047.47	1,024.25	1,089.28	1,065.44	1,044.42	1,060.99
TM3		℃	0	1	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.48	36.48	36.48	36.48	36.48	36.47	36.48	36.48

1월 18일 굴뚝별 트랜드

					01-18 00:00	01-18 00:30	01-18 01:00	01-18 01:30	01-18 02:00	01-18 02:30	01-18 03:00	01-18 03:30	01-18 04:00	01-18 04:30	01-18 05:00	01-18 05:30	01-18 06:00	01-18 06:30	01-18 07:00	01-18 07:30
TSP	20	mg/Sm³	12	1	0.75	0.63	0.60	0.61	0.58	0.61	0.63	0.64	0.77	0.58	0.60	0.67	0.63	0.63	0.66	0.62
SOx	30	ppm	12	1	2.61	0.00	0.07	0.25	0.34	0.31	0.19	0.00	0.00	3.27	3.74	0.00	1.31	7.66	1.30	3.51
NOx	70	ppm	12	1	36.44	17.93	28.37	30.46	31.85	29.39	23.65	20.24	17.91	25.21	22.22	23.64	26.85	32.90	25.22	30.24
HCl	15	ppm	12	1	7.60	1.41	1.11	1.19	1.05	1.63	2.85	3.43	8.73	0.51	0.84	1.55	1.27	3.91	4.92	4.67
CO	50	ppm	12	1	0.25	0.33	0.09	0.19	0.11	0.10	0.42	0.38	0.68	0.16	0.22	0.24	0.15	0.07	0.21	0.19
O_2		%	0	0.1	8.98	7.73	6.86	7.04	6.20	7.15	7.86	8.00	10.34	6.37	6.82	8.29	7.47	7.35	8.01	7.15
FL1		Sm³	12	10	12,562	13,570	14,318	14,465	15,402	14,264	13,424	13,347	11,433	15,237	14,754	12,967	13,820	13,968	13,448	14,601
TMP		℃	0	1	186.05	186.07	185.65	185.82	186.27	186.52	185.67	185.52	185.02	185.36	186.09	185.86	185.36	185.84	186.12	186.43
TM1		℃	0	1	1,086.61	1,047.46	1,089.63	1,087.55	1,109.37	1,106.08	1,034.81	1,038.00	997.01	1,065.99	1,069.65	1,033.55	1,058.05	1,097.05	1,052.05	1,058.86
TM3		℃	0	1	36.49	36.48	36.48	36.48	36.49	36.50	36.50	36.50	36.51	36.50	36.50	36.51	36.51	36.51	36.51	36.51

					01-18 08:00	01-18 08:30	01-18 09:00	01-18 09:30	01-18 10:00	01-18 10:30	01-18 11:00	01-18 11:30	01-18 12:00	01-18 12:30	01-18 13:00	01-18 13:30	01-18 14:00	01-18 14:30	01-18 15:00	01-18 15:30
TSP	20	mg/Sm³	12	1	0.81	0.58	0.57	0.61	0.55	0.55	0.57	0.57	0.75	0.61	0.55	0.54	0.60	0.61	0.61	0.62
SOx	30	ppm	12	1	2.11	0.00	0.00	0.00	1.84	0.48	0.02	0.13	1.81	10.85	4.31	1.52	0.02	0.00	0.00	0.00
NOx	70	ppm	12	1	32.05	25.29	22.58	26.66	22.26	24.48	24.11	26.48	38.01	28.87	23.90	22.24	18.25	19.41	15.56	13.28
HCl	15	ppm	12	1	9.55	0.35	0.00	0.41	1.31	2.50	3.91	4.36	10.30	5.73	4.52	5.10	4.35	2.90	2.27	2.00
CO	50	ppm	12	1	0.34	0.19	0.18	0.26	15.75	3.97	0.37	0.18	0.21	0.28	16.41	0.36	0.43	0.38	0.51	0.91
O_2		%	0	0.1	9.65	6.16	6.03	7.34	5.84	6.10	6.41	6.60	9.20	7.26	6.04	5.78	7.20	7.29	7.29	7.50
FL1		Sm³	12	10	11,469	14,636	14,695	13,285	14,693	14,487	14,436	14,390	11,808	13,611	14,590	14,546	13,454	14,211	13,986	13,746
TMP		℃	0	1	186.76	185.81	184.97	184.66	184.57	184.75	185.37	185.86	186.13	186.43	185.66	185.10	184.94	185.56	186.39	185.89
TM1		℃	0	1	1,061.39	1,060.46	1,088.73	1,064.75	1,103.30	1,091.09	1,090.39	1,093.21	1,106.44	1,103.13	1,097.31	1,117.91	1,066.07	1,052.26	1,032.89	1,007.11
TM3		℃	0	1	36.51	36.51	36.51	36.50	36.49	36.49	36.49	36.48	36.48	36.48	36.48	36.48	36.47	36.47	36.47	36.47

					01-18 16:00	01-18 16:30	01-18 17:00	01-18 17:30	01-18 18:00	01-18 18:30	01-18 19:00	01-18 19:30	01-18 20:00	01-18 20:30	01-18 21:00	01-18 21:30	01-18 22:00	01-18 22:30	01-18 23:00	01-18 23:30
TSP	20	mg/Sm³	12	1	0.75	0.63	0.66	0.65	0.69	0.60	0.55	0.63	0.76	0.61	0.59	0.66	0.57	0.56	0.61	0.60
SOx	30	ppm	12	1	0.71	3.77	0.04	0.75	0.19	9.00	0.73	0.00	0.00	1.49	13.06	0.07	2.28	2.68	0.00	1.16
NOx	70	ppm	12	1	23.02	19.67	19.21	17.02	11.99	11.28	13.39	9.01	14.17	17.03	18.27	15.30	16.99	19.67	10.39	7.74
HCl	15	ppm	12	1	6.25	3.46	2.08	3.54	8.02	8.46	4.17	2.20	4.12	0.37	5.16	8.27	7.87	6.96	6.92	7.46
CO	50	ppm	12	1	0.72	0.62	0.65	0.74	1.35	2.38	3.55	5.69	80.79	0.34	0.26	0.60	0.24	0.24	0.57	0.46
O_2		%	0	0.1	9.20	7.75	8.17	8.19	8.74	6.92	5.85	7.69	9.70	7.40	6.72	8.24	6.41	6.06	7.26	7.00
FL1		Sm³	12	10	12,489	14,265	13,990	13,526	12,609	14,246	15,255	13,210	11,294	13,402	13,946	12,458	14,365	15,024	13,570	13,661
TMP		℃	0	1	185.30	187.39	188.76	187.38	186.10	185.66	185.81	185.84	185.37	185.74	185.48	185.71	185.13	185.86	186.28	185.25
TM1		℃	0	1	1,044.31	1,031.88	1,034.58	1,019.77	969.81	1,030.11	1,072.75	1,042.83	1,069.23	1,046.01	1,072.99	1,037.54	1,067.83	1,091.51	1,034.38	1,036.19
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	36.48	36.48	36.48	36.48

1월 19일 굴뚝별 트랜드

					01-19 00:00	01-19 00:30	01-19 01:00	01-19 01:30	01-19 02:00	01-19 02:30	01-19 03:00	01-19 03:30	01-19 04:00	01-19 04:30	01-19 05:00	01-19 05:30	01-19 06:00	01-19 06:30	01-19 07:00	01-19 07:30
TSP	20	mg/Sm³	12	1	0.75	0.57	0.58	0.61	0.56	0.63	0.62	0.57	0.76	0.55	0.58	0.58	0.66	0.59	0.61	0.57
SOx	30	ppm	12	1	4.41	5.78	2.89	0.60	6.61	0.01	0.00	0.00	0.00	0.85	0.03	0.09	0.13	1.37	0.22	0.86
NOx	70	ppm	12	1	12.55	14.70	11.91	9.90	18.07	17.20	16.87	18.00	12.71	12.69	15.58	15.82	12.62	14.57	9.88	16.56
HCl	15	ppm	12	1	13.11	3.26	4.65	8.09	6.88	8.87	4.63	3.87	8.11	0.00	0.00	0.00	0.25	0.19	1.15	1.11
CO	50	ppm	12	1	0.39	0.31	5.41	0.39	0.22	0.29	0.43	0.33	0.73	10.32	0.15	0.28	0.75	9.79	0.51	0.27
O_2		%	0	0.1	8.77	6.27	6.44	7.05	5.68	7.44	7.41	6.41	9.75	5.63	6.44	6.57	8.15	6.71	7.16	6.33
FL1		Sm³	12	10	11,885	14,839	14,582	13,734	15,437	13,532	13,613	14,459	11,559	15,435	14,465	14,339	12,520	14,279	13,825	14,984
TMP		℃	0	1	185.27	186.25	186.61	186.37	186.70	186.67	186.10	185.08	184.72	184.69	184.78	184.63	184.72	184.16	184.45	185.20
TM1		℃	0	1	1,076.29	1,071.91	1,058.57	1,052.41	1,107.05	1,058.45	1,048.48	1,067.23	1,029.74	1,102.28	1,096.69	1,070.12	1,060.31	1,051.04	1,026.83	1,056.46
TM3		℃	0	1	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.48	36.47	36.48	36.48	36.48	36.48	36.47	36.47

					01-19 08:00	01-19 08:30	01-19 09:00	01-19 09:30	01-19 10:00	01-19 10:30	01-19 11:00	01-19 11:30	01-19 12:00	01-19 12:30	01-19 13:00	01-19 13:30	01-19 14:00	01-19 14:30	01-19 15:00	01-19 15:30
TSP	20	mg/Sm³	12	1	0.78	0.58	0.63	0.63	0.65	0.58	0.59	0.59	0.71	0.59	0.61	0.58	0.59	0.59	0.60	0.57
SOx	30	ppm	12	1	3.26	3.86	1.30	3.14	0.00	0.63	0.05	0.26	2.18	0.56	0.53	0.00	0.28	0.38	0.07	0.00
NOx	70	ppm	12	1	24.04	15.48	12.77	16.81	11.50	16.85	13.85	17.09	13.61	14.68	15.19	17.20	16.33	17.59	13.48	17.63
HCl	15	ppm	12	1	5.54	0.11	0.90	1.72	2.64	2.53	2.63	2.57	6.60	1.10	1.73	0.76	1.80	1.64	2.63	1.96
CO	50	ppm	12	1	0.34	0.31	1.92	0.25	0.63	0.21	0.37	0.28	2.11	0.36	0.36	0.30	0.30	0.23	0.32	7.86
O_2		%	0	0.1	9.57	6.21	7.42	7.31	7.79	6.54	7.02	6.79	9.36	7.24	7.55	6.59	6.89	7.06	7.47	6.89
FL1		Sm³	12	10	11,417	15,234	13,857	13,870	13,260	14,542	14,066	14,065	12,341	13,457	13,210	14,484	13,910	13,984	13,145	13,972
TMP		℃	0	1	186.37	186.70	186.54	186.35	185.57	184.53	185.31	185.96	185.28	184.53	184.98	185.78	186.38	186.26	185.48	184.88
TM1		℃	0	1	1,059.03	1,057.04	1,043.87	1,063.67	1,014.91	1,078.54	1,047.13	1,061.18	1,028.89	1,070.57	1,058.15	1,055.31	1,068.37	1,073.13	1,076.92	1,071.57
TM3		℃	0	1	36.48	36.48	36.48	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					01-19 16:00	01-19 16:30	01-19 17:00	01-19 17:30	01-19 18:00	01-19 18:30	01-19 19:00	01-19 19:30	01-19 20:00	01-19 20:30	01-19 21:00	01-19 21:30	01-19 22:00	01-19 22:30	01-19 23:00	01-19 23:30
TSP	20	mg/Sm³	12	1	0.73	0.68	0.60	0.63	0.70	0.61	0.64	0.57	0.76	0.60	0.61	0.57	0.61	0.61	0.62	0.59
SOx	30	ppm	12	1	0.74	4.57	4.31	0.00	0.04	5.47	2.63	5.57	0.08	3.55	0.02	0.00	4.40	1.43	0.05	0.00
NOx	70	ppm	12	1	24.46	17.00	17.61	15.75	14.89	22.71	18.22	18.61	17.17	12.74	16.61	17.05	13.65	12.00	16.06	14.50
HCl	15	ppm	12	1	4.76	4.30	5.78	2.70	2.81	9.71	9.20	5.56	6.80	0.44	0.51	0.03	0.29	1.62	1.18	0.47
CO	50	ppm	12	1	0.24	0.86	0.37	0.52	0.94	0.23	0.49	13.75	14.70	30.50	0.46	0.15	17.37	23.29	0.54	0.42
O_2		%	0	0.1	9.33	8.98	7.36	7.96	9.20	7.68	8.33	6.62	9.50	7.01	7.65	6.93	7.55	7.40	7.79	7.11
FL1		Sm³	12	10	11,281	12,161	13,260	12,780	11,678	13,493	12,162	14,056	11,116	13,837	12,937	13,476	13,294	13,446	12,734	13,827
TMP		℃	0	1	185.23	184.61	184.06	184.51	183.89	183.68	184.02	184.24	185.13	184.81	184.19	183.80	183.52	183.78	184.46	184.55
TM1		℃	0	1	1,075.38	1,018.75	1,058.87	1,036.13	1,017.07	1,041.16	1,048.29	1,082.78	1,070.07	1,045.11	1,070.27	1,079.38	1,057.68	1,050.29	1,067.95	1,050.50
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