2월 22일 굴뚝별 트랜드

					02-22 00:00	02-22 00:30	02-22 01:00	02-22 01:30	02-22 02:00	02-22 02:30	02-22 03:00	02-22 03:30	02-22 04:00	02-22 04:30	02-22 05:00	02-22 05:30	02-22 06:00	02-22 06:30	02-22 07:00	02-22 07:30
TSP	20	mg/Sm³	12	1	0.81	0.70	0.57	0.75	0.64	0.57	0.69	0.64	0.84	0.60	0.88	0.66	0.57	0.67	0.69	0.60
SOx	30	ppm	12	1	1.31	0.01	0.22	3.68	0.00	0.83	0.03	0.25	0.00	0.54	0.00	0.00	3.23	1.19	0.00	5.45
NOx	70	ppm	12	1	20.53	8.91	13.62	9.27	8.72	12.01	10.39	6.97	7.28	9.66	10.47	8.67	11.33	7.82	7.31	10.49
HCl	15	ppm	12	1	2.24	1.62	0.00	1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.60	0.79
CO	50	ppm	12	1	0.27	11.54	7.03	28.79	21.33	29.74	1.76	19.77	0.93	16.76	2.14	0.90	7.75	1.27	0.93	0.51
O_2		%	0	0.1	8.17	7.96	5.14	8.14	6.49	4.77	7.95	6.50	10.46	5.89	10.38	7.47	5.19	7.22	7.55	5.92
FL1		Sm³	12	10	12,308	13,124	16,540	13,240	14,756	16,721	12,991	14,503	10,980	15,139	10,521	13,693	16,402	14,056	13,555	15,606
TMP		℃	0	1	185.73	186.05	186.40	186.97	185.77	185.72	186.02	185.37	184.74	184.79	184.56	183.15	184.54	186.05	185.50	185.60
TM1		℃	0	1	1,088.10	1,036.49	1,074.88	1,059.99	1,041.43	1,078.83	1,070.31	1,028.91	1,027.21	1,055.31	978.59	988.13	1,045.07	1,047.58	1,002.30	1,019.33

					02-22 08:00	02-22 08:30	02-22 09:00	02-22 09:30	02-22 10:00	02-22 10:30	02-22 11:00	02-22 11:30	02-22 12:00	02-22 12:30	02-22 13:00	02-22 13:30	02-22 14:00	02-22 14:30	02-22 15:00	02-22 15:30
TSP	20	mg/Sm³	12	1	0.87	0.64	0.75	0.57	0.63	0.68	0.68	0.65	1.36	0.66	0.62	0.68	0.65	0.62	0.61	0.63
SOx	30	ppm	12	1	5.30	1.00	0.32	1.20	4.23	0.00	0.00	0.16	0.68	0.00	0.00	0.18	0.93	1.71	9.89	0.08
NOx	70	ppm	12	1	12.62	8.22	7.69	9.31	9.95	5.58	4.80	5.85	9.37	7.61	10.25	7.54	7.77	8.57	4.06	9.79
HCl	15	ppm	12	1	4.02	0.02	0.02	0.00	0.82	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	12.77	5.08
CO	50	ppm	12	1	0.77	16.46	3.39	0.86	23.73	0.93	0.87	16.99	6.82	0.66	0.28	3.31	9.35	12.49	26.48	2.65
O_2		%	0	0.1	10.17	6.61	8.63	4.93	5.95	7.55	7.65	6.55	8.54	7.46	6.68	7.83	7.32	6.91	6.56	7.24
FL1		Sm³	12	10	11,126	14,638	12,459	16,597	15,456	13,651	13,465	14,874	12,205	13,454	14,356	13,101	13,635	14,073	12,841	13,551
TMP		℃	0	1	186.34	185.88	185.55	185.20	186.70	186.40	185.45	185.27	185.97	185.87	185.56	185.29	185.11	185.06	184.30	184.87
TM1		℃	0	1	1,021.81	1,001.03	1,032.49	1,039.49	1,099.49	1,016.75	1,011.15	975.12	1,080.89	1,042.90	1,068.54	1,033.65	1,064.07	1,032.40	1,038.24	1,065.23

					02-22 16:00	02-22 16:30	02-22 17:00	02-22 17:30	02-22 18:00	02-22 18:30	02-22 19:00	02-22 19:30	02-22 20:00	02-22 20:30	02-22 21:00	02-22 21:30	02-22 22:00	02-22 22:30	02-22 23:00	02-22 23:30
TSP	20	mg/Sm³	12	1	0.84	0.65	0.62	0.66	0.58	0.64	0.55	0.66	0.81	0.61	0.58	0.68	0.63	0.63	0.74	0.70
SOx	30	ppm	12	1	0.67	0.00	0.00	0.00	12.36	0.72	7.91	0.11	0.00	0.00	0.33	0.00	1.18	2.62	0.00	0.00
NOx	70	ppm	12	1	14.72	7.85	8.21	5.95	5.51	6.61	9.12	8.29	12.99	9.74	9.40	8.04	8.42	12.57	10.94	8.79
HCl	15	ppm	12	1	3.87	0.30	0.90	1.63	5.45	6.22	8.08	6.50	1.76	0.00	0.05	0.22	0.30	5.28	5.69	2.80
CO	50	ppm	12	1	0.55	0.62	0.41	0.62	5.76	0.83	7.00	0.49	0.49	0.35	0.81	0.67	0.73	4.84	1.79	1.03
O_2		%	0	0.1	9.71	7.58	7.17	7.85	5.73	7.38	5.13	7.42	9.10	6.18	5.30	7.56	6.62	6.83	8.55	8.27
FL1		Sm³	12	10	10,606	13,404	13,543	13,169	14,785	13,460	15,794	13,787	12,137	15,521	16,509	13,841	14,729	14,482	12,733	13,004
TMP		℃	0	1	185.99	185.76	185.45	186.36	186.33	187.11	186.72	186.79	187.15	187.46	187.68	187.48	186.31	186.59	186.27	185.13
TM1		℃	0	1	1,088.47	1,027.27	1,052.34	1,017.99	1,038.89	1,039.73	1,069.05	1,072.29	1,056.67	1,046.78	1,076.61	1,031.97	1,014.83	1,075.19	977.67	989.29

2월 23일 굴뚝별 트랜드

					02-23 00:00	02-23 00:30	02-23 01:00	02-23 01:30	02-23 02:00	02-23 02:30	02-23 03:00	02-23 03:30	02-23 04:00	02-23 04:30	02-23 05:00	02-23 05:30	02-23 06:00	02-23 06:30	02-23 07:00	02-23 07:30
TSP	20	mg/Sm³	12	1	0.81	0.60	0.66	0.65	0.67	0.67	0.68	0.67	0.85	0.62	0.62	0.77	0.62	0.73	0.61	0.66
SOx	30	ppm	12	1	0.13	0.45	0.00	0.06	0.00	0.47	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	10.86	9.81	11.35	9.96	8.75	8.37	10.27	14.63	10.75	11.49	12.45	7.16	12.15	7.58	12.75	10.97
HCl	15	ppm	12	1	2.10	0.36	0.99	0.52	1.10	1.25	0.14	0.00	0.18	0.00	0.01	0.31	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	6.95	6.50	0.66	1.82	0.87	10.17	0.68	0.37	0.86	0.39	0.30	1.32	0.39	1.02	0.28	0.36
O_2		%	0	0.1	9.77	5.88	7.24	7.01	7.35	7.32	7.60	6.30	10.17	6.19	6.44	9.06	6.51	8.45	6.09	7.18
FL1		Sm³	12	10	11,755	15,619	14,007	14,349	13,764	13,834	13,720	15,784	11,638	15,156	14,998	11,928	14,887	12,648	15,134	13,882
TMP		℃	0	1	184.84	185.18	186.43	186.04	185.69	186.09	186.07	186.81	187.14	185.88	186.30	185.71	185.05	185.49	185.45	185.65
TM1		℃	0	1	993.99	1,055.69	1,055.69	1,002.69	1,030.53	1,049.29	1,037.43	1,052.80	1,017.07	1,043.59	1,070.63	1,013.17	1,038.73	1,004.33	1,053.87	1,059.66

					02-23 08:00	02-23 08:30	02-23 09:00	02-23 09:30	02-23 10:00	02-23 10:30	02-23 11:00	02-23 11:30	02-23 12:00	02-23 12:30	02-23 13:00	02-23 13:30	02-23 14:00	02-23 14:30	02-23 15:00	02-23 15:30
TSP	20	mg/Sm³	12	1	0.93	0.66	0.62	0.63	0.70	0.60	0.68	0.63	0.80	0.66	0.64	0.61	0.56	0.68	0.55	0.67
SOx	30	ppm	12	1	0.00	0.00	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.39	0.00	1.55	0.00
NOx	70	ppm	12	1	12.23	10.40	10.56	13.71	9.60	11.52	8.20	12.43	17.78	11.82	10.88	9.72	11.13	7.66	8.76	9.33
HCl	15	ppm	12	1	0.09	0.00	0.03	0.99	1.57	0.14	0.91	0.03	0.05	0.00	0.00	0.03	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	1.33	0.60	11.44	0.30	0.67	0.32	0.55	0.41	2.25	0.67	0.63	19.80	25.35	0.87	47.22	1.17
O_2		%	0	0.1	11.75	7.14	6.33	6.76	8.22	6.09	7.64	6.87	8.94	7.57	7.52	6.51	5.56	8.15	5.09	7.77
FL1		Sm³	12	10	9,769	14,125	15,080	14,372	12,709	15,194	13,248	14,233	12,471	13,472	13,385	14,548	15,534	12,598	16,122	13,440
TMP		℃	0	1	185.49	184.59	185.34	186.37	185.65	185.50	185.86	185.52	185.80	186.29	185.31	185.28	185.79	185.51	185.27	186.04
TM1		℃	0	1	1,036.41	1,002.47	1,029.39	1,075.13	1,045.03	1,052.68	1,080.53	1,051.53	1,068.91	1,070.03	1,020.73	1,065.94	1,092.30	1,045.41	1,068.38	1,056.87

					02-23 16:00	02-23 16:30	02-23 17:00	02-23 17:30	02-23 18:00	02-23 18:30	02-23 19:00	02-23 19:30	02-23 20:00	02-23 20:30	02-23 21:00	02-23 21:30	02-23 22:00	02-23 22:30	02-23 23:00	02-23 23:30
TSP	20	mg/Sm³	12	1	0.81	0.69	0.59	0.69	0.61	0.70	0.63	0.65	0.77	0.62	0.67	0.64	0.66	0.67	0.68	0.59
SOx	30	ppm	12	1	0.15	0.00	0.85	0.03	0.03	0.00	0.00	0.00	0.48	0.59	0.00	1.95	0.01	0.00	0.00	0.93
NOx	70	ppm	12	1	16.85	7.36	9.74	7.47	10.66	6.95	10.55	6.74	11.50	6.87	6.69	7.26	7.66	6.71	6.46	9.83
HCl	15	ppm	12	1	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.70	0.94	27.58	19.20	2.96	1.70	0.77	6.18	10.25	10.62	0.84	30.61	0.83	0.86	1.06	22.42
O_2		%	0	0.1	9.14	8.38	5.93	8.02	6.68	8.30	7.02	7.24	8.34	6.28	7.54	6.30	7.26	7.47	7.90	5.81
FL1		Sm³	12	10	11,235	12,482	15,305	13,042	14,648	12,729	14,445	14,187	13,341	15,198	13,830	15,281	14,151	13,925	13,234	15,590
TMP		℃	0	1	186.40	186.10	185.69	185.94	186.18	186.04	185.06	185.66	186.59	187.29	186.89	186.28	186.84	186.90	185.65	184.69
TM1		℃	0	1	1,083.09	1,016.79	1,043.37	1,039.43	1,063.12	1,010.72	1,022.33	1,026.45	1,047.97	1,091.39	1,028.40	1,015.81	1,072.02	1,024.97	992.61	1,060.31

2월 24일 굴뚝별 트랜드

					02-24 00:00	02-24 00:30	02-24 01:00	02-24 01:30	02-24 02:00	02-24 02:30	02-24 03:00	02-24 03:30	02-24 04:00	02-24 04:30	02-24 05:00	02-24 05:30	02-24 06:00	02-24 06:30	02-24 07:00	02-24 07:30
TSP	20	mg/Sm³	12	1	0.85	0.63	0.67	0.67	0.63	0.71	0.67	0.68	0.85	0.57	0.69	0.68	0.72	0.67	0.58	0.70
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	11.05	0.08	0.08	0.00	0.00	3.48	0.00
NOx	70	ppm	12	1	8.65	8.81	6.66	7.89	9.33	6.23	6.12	6.89	11.20	7.68	8.65	7.19	6.78	7.40	9.29	7.26
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	1.10	0.60	0.80	1.17	0.53	0.85	28.34	12.60	7.52	46.33	1.93	13.63	1.23	0.86	13.65	0.87
O_2		%	0	0.1	10.57	6.44	7.47	7.30	6.55	8.12	7.30	7.71	10.83	4.38	7.53	7.08	8.27	7.38	5.16	7.82
FL1		Sm³	12	10	11,036	15,053	13,857	14,064	14,943	13,044	13,690	13,453	11,205	17,459	13,761	14,401	12,954	13,886	16,361	13,572
TMP		℃	0	1	185.91	186.16	186.30	185.86	186.14	186.40	184.96	184.04	184.36	185.57	187.13	186.11	186.09	185.77	186.09	186.43
TM1		℃	0	1	1,037.24	1,034.87	1,036.19	1,013.77	1,051.45	1,024.73	1,001.79	1,029.06	1,021.44	1,050.18	1,083.46	1,005.39	1,011.90	992.23	1,074.03	1,043.67

					02-24 08:00	02-24 08:30	02-24 09:00	02-24 09:30	02-24 10:00	02-24 10:30	02-24 11:00	02-24 11:30	02-24 12:00	02-24 12:30	02-24 13:00	02-24 13:30	02-24 14:00	02-24 14:30	02-24 15:00	02-24 15:30
TSP	20	mg/Sm³	12	1	0.86	0.65	0.66	0.66	0.63	0.70	0.63	0.69	0.85	0.62	0.64	0.62	0.59	0.64	0.65	0.68
SOx	30	ppm	12	1	0.65	0.30	0.00	0.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.38	0.12	0.37
NOx	70	ppm	12	1	11.65	7.94	9.46	9.61	7.76	8.25	11.19	11.81	14.30	10.54	8.21	9.21	13.26	9.92	10.38	9.48
HCl	15	ppm	12	1	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.39	0.02	0.14	0.01	0.06	0.54	0.95	1.32
CO	50	ppm	12	1	7.39	19.15	0.77	5.82	38.74	1.08	0.51	0.80	1.07	0.59	0.76	0.50	0.27	9.08	1.68	7.79
O_2		%	0	0.1	9.15	6.75	6.92	6.70	6.32	7.84	6.32	7.44	9.63	6.19	7.03	6.69	6.15	7.05	7.54	7.96
FL1		Sm³	12	10	11,178	14,425	14,640	14,795	15,198	13,731	15,497	14,192	11,857	15,766	14,407	14,601	15,304	14,272	13,741	13,432
TMP		℃	0	1	186.13	186.11	186.19	186.92	186.41	185.90	186.86	187.35	187.16	187.87	188.00	187.18	187.39	187.54	187.22	186.93
TM1		℃	0	1	1,070.12	1,059.71	1,046.16	1,084.10	1,032.35	1,020.57	1,055.00	1,061.71	1,016.86	1,028.47	1,042.31	1,045.18	1,084.41	1,058.74	1,077.74	1,004.72

					02-24 16:00	02-24 16:30	02-24 17:00	02-24 17:30	02-24 18:00	02-24 18:30	02-24 19:00	02-24 19:30	02-24 20:00	02-24 20:30	02-24 21:00	02-24 21:30	02-24 22:00	02-24 22:30	02-24 23:00	02-24 23:30
TSP	20	mg/Sm³	12	1	0.86	0.54	0.64	0.63	0.63	0.59	0.63	0.57	0.77	0.59	0.62	0.67	0.61	0.64	0.61	0.62
SOx	30	ppm	12	1	2.74	0.21	0.00	0.10	0.00	0.02	0.29	0.04	0.00	0.10	0.41	1.29	0.00	0.00	0.00	0.08
NOx	70	ppm	12	1	10.44	10.87	7.47	8.13	10.62	10.58	8.16	12.20	13.18	10.40	8.56	6.55	8.10	6.80	8.03	9.10
HCl	15	ppm	12	1	0.63	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.23	0.00	0.00	0.38	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	81.69	24.48	0.51	14.24	0.48	0.81	23.61	4.47	0.55	1.40	10.37	3.78	2.26	2.89	0.61	5.72
O_2		%	0	0.1	10.96	4.99	7.54	7.04	7.21	6.11	6.86	5.47	8.41	5.95	6.97	7.62	6.68	6.98	6.42	6.71
FL1		Sm³	12	10	11,157	16,675	13,476	14,183	14,168	15,163	14,610	16,096	13,156	15,015	14,127	13,568	14,547	14,265	14,729	14,440
TMP		℃	0	1	187.06	186.75	186.98	186.73	187.22	187.49	187.39	187.87	187.70	187.31	186.92	186.93	186.96	186.22	186.18	186.16
TM1		℃	0	1	1,018.04	1,058.52	1,073.02	1,036.03	1,072.92	1,058.84	1,042.53	1,080.59	1,056.84	1,087.51	1,049.95	1,033.27	1,041.20	1,014.98	1,052.67	1,028.51