2월 12월 굴뚝별 트랜드

					02-12 00:00	02-12 00:30	02-12 01:00	02-12 01:30	02-12 02:00	02-12 02:30	02-12 03:00	02-12 03:30	02-12 04:00	02-12 04:30	02-12 05:00	02-12 05:30	02-12 06:00	02-12 06:30	02-12 07:00	02-12 07:30
TSP	20	mg/Sm³	12	1	1.49	1.27	1.17	1.17	1.12	1.16	1.21	1.16	1.49	1.24	1.07	1.18	1.12	1.15	1.17	1.17
SOx	30	ppm	12	1	1.02	2.58	1.56	0.72	4.62	0.32	0.19	2.32	0.00	0.00	0.00	0.11	1.66	5.56	0.00	0.00
NOx	70	ppm	12	1	34.15	23.94	21.08	29.06	34.38	29.76	27.87	28.94	28.01	24.09	31.89	32.56	35.10	33.30	33.91	26.12
HCl	15	ppm	12	1	10.46	9.67	7.12	2.19	7.51	5.17	1.69	6.90	7.08	0.35	0.32	1.33	2.93	6.50	3.25	1.38
CO	50	ppm	12	1	0.39	0.63	0.40	0.36	0.30	0.32	0.57	0.34	0.50	0.40	0.14	0.17	0.20	0.26	0.41	0.26
O_2		%	0	0.1	10.96	8.96	7.99	8.02	7.28	7.86	8.53	7.90	11.47	8.84	6.96	8.14	7.54	7.82	7.76	8.17
FL1		Sm³	12	10	11,344	12,893	13,268	13,983	14,895	14,187	13,441	14,054	11,031	13,214	15,320	13,871	14,637	13,999	13,459	13,107
TMP		℃	0	1	181.98	181.80	181.01	181.07	182.30	181.67	180.42	181.28	180.96	180.19	181.33	181.95	181.29	181.50	179.92	179.62
TM1		℃	0	1	1,070.21	1,026.99	1,061.95	1,064.51	1,114.56	1,098.92	1,048.50	1,104.19	1,060.65	1,022.44	1,111.15	1,108.14	1,120.25	1,106.69	1,083.62	1,090.29
TM3		℃	0	1	36.62	36.62	36.62	36.62	36.62	36.61	36.62	36.62	36.62	36.62	36.63	36.63	36.62	36.63	36.63	36.63

					02-12 08:00	02-12 08:30	02-12 09:00	02-12 09:30	02-12 10:00	02-12 10:30	02-12 11:00	02-12 11:30	02-12 12:00	02-12 12:30	02-12 13:00	02-12 13:30	02-12 14:00	02-12 14:30	02-12 15:00	02-12 15:30
TSP	20	mg/Sm³	12	1	1.41	1.20	1.17	1.13	1.28	1.15	1.23	1.10	1.38	1.13	1.13	1.17	1.13	1.16	1.20	1.25
SOx	30	ppm	12	1	1.04	0.62	0.98	5.00	0.44	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.14	0.00	0.00	0.00
NOx	70	ppm	12	1	31.13	29.02	26.00	39.54	23.05	27.59	20.81	31.59	35.06	31.40	35.88	32.47	35.90	31.66	27.80	22.30
HCl	15	ppm	12	1	3.92	2.84	3.51	4.93	11.30	1.40	1.42	0.34	1.19	0.17	0.32	0.86	0.57	0.33	0.05	0.08
CO	50	ppm	12	1	0.46	0.61	0.40	0.20	0.53	0.37	0.52	0.21	0.22	0.11	0.12	0.13	0.08	0.16	0.23	0.36
O_2		%	0	0.1	10.22	8.16	7.99	7.46	9.15	7.77	8.69	7.19	9.98	7.49	7.31	7.85	7.56	8.20	8.37	8.68
FL1		Sm³	12	10	11,562	13,468	13,618	14,232	12,451	13,853	12,743	14,489	12,098	14,037	14,182	13,548	13,975	13,408	13,203	12,797
TMP		℃	0	1	179.86	180.08	180.73	181.08	180.03	179.23	180.17	180.57	181.00	181.32	181.46	181.23	180.35	181.14	180.54	180.07
TM1		℃	0	1	1,075.81	1,044.54	1,090.73	1,097.97	1,051.10	1,059.94	1,066.18	1,079.71	1,090.93	1,117.63	1,124.39	1,119.51	1,119.50	1,106.29	1,060.94	1,059.34
TM3		℃	0	1	36.63	36.62	36.62	36.62	36.63	36.63	36.62	36.63	36.62	36.62	36.63	36.62	36.62	36.63	36.61	36.60

					02-12 16:00	02-12 16:30	02-12 17:00	02-12 17:30	02-12 18:00	02-12 18:30	02-12 19:00	02-12 19:30	02-12 20:00	02-12 20:30	02-12 21:00	02-12 21:30	02-12 22:00	02-12 22:30	02-12 23:00	02-12 23:30
TSP	20	mg/Sm³	12	1	1.45	1.24	1.13	1.16	1.10	1.06	1.10	1.16	1.44	1.25	1.05	1.21	1.10	1.19	1.08	1.18
SOx	30	ppm	12	1	0.00	0.00	0.01	6.42	0.20	0.97	1.08	0.00	0.00	0.00	13.33	0.48	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	38.77	21.72	26.99	26.59	30.99	29.62	32.23	27.98	26.24	26.94	41.09	22.96	25.64	24.04	28.20	20.16
HCl	15	ppm	12	1	0.29	0.09	0.33	1.73	0.71	0.37	1.13	1.13	1.04	0.15	1.80	4.87	0.32	0.07	0.00	0.19
CO	50	ppm	12	1	0.14	0.41	0.27	1.88	0.15	2.02	0.09	0.13	0.28	0.29	0.34	0.29	0.21	0.24	0.23	0.32
O_2		%	0	0.1	10.88	9.07	7.69	7.94	7.01	6.52	6.96	7.79	11.34	8.76	6.31	8.38	7.03	8.30	6.76	8.08
FL1		Sm³	12	10	11,162	12,153	13,721	13,538	14,347	15,043	14,528	13,598	10,704	12,505	16,126	12,636	13,960	12,498	14,955	13,041
TMP		℃	0	1	180.13	180.30	180.25	179.76	179.73	180.31	181.05	180.84	179.61	178.59	180.07	180.43	178.90	178.09	178.79	179.77
TM1		℃	0	1	1,078.86	1,062.31	1,090.13	1,083.89	1,100.35	1,117.00	1,147.25	1,097.72	1,042.11	1,071.95	1,117.73	1,090.65	1,076.25	1,054.04	1,079.05	1,065.23
TM3		℃	0	1	36.60	36.59	36.59	36.60	36.59	36.60	36.61	36.62	36.62	36.62	36.63	36.62	36.63	36.62	36.62	36.62

2월 13일 굴뚝별 트랜드

					02-13 00:00	02-13 00:30	02-13 01:00	02-13 01:30	02-13 02:00	02-13 02:30	02-13 03:00	02-13 03:30	02-13 04:00	02-13 04:30	02-13 05:00	02-13 05:30	02-13 06:00	02-13 06:30	02-13 07:00	02-13 07:30
TSP	20	mg/Sm³	12	1	1.40	1.08	1.32	1.01	1.15	1.05	1.17	1.17	1.41	1.06	1.17	1.04	1.01	1.08	1.07	1.08
SOx	30	ppm	12	1	0.00	0.00	0.00	13.33	0.00	0.49	5.65	3.69	3.14	0.00	0.18	0.30	0.00	0.14	0.00	0.00
NOx	70	ppm	12	1	27.23	24.36	17.44	24.99	17.96	29.56	26.64	28.33	42.36	26.42	27.92	24.02	28.34	22.45	28.94	27.17
HCl	15	ppm	12	1	0.47	0.12	0.24	3.25	4.25	0.81	2.43	6.76	4.33	0.24	0.43	0.84	0.71	1.35	0.74	0.56
CO	50	ppm	12	1	0.34	0.15	0.92	15.92	0.33	0.10	0.90	0.37	7.36	1.98	0.37	0.23	0.16	0.21	0.13	0.16
O_2		%	0	0.1	9.86	6.92	9.50	5.88	8.09	6.67	7.82	7.54	8.99	6.71	8.04	6.68	6.23	7.17	7.06	7.31
FL1		Sm³	12	10	11,658	14,073	11,588	16,438	13,426	15,574	14,664	14,887	11,578	14,506	13,697	14,629	15,292	14,081	14,096	13,908
TMP		℃	0	1	179.81	179.81	179.36	178.13	179.32	180.67	182.03	182.79	182.13	181.11	180.62	180.51	180.55	180.58	179.98	180.05
TM1		℃	0	1	1,055.16	1,082.72	1,000.96	1,069.47	1,055.03	1,109.83	1,068.87	1,106.92	1,149.57	1,121.34	1,057.01	1,092.89	1,101.67	1,096.44	1,109.64	1,096.43
TM3		℃	0	1	36.62	36.63	36.62	36.62	36.62	36.62	36.62	36.61	36.62	36.62	36.62	36.62	36.62	36.62	36.62	36.62

					02-13 08:00	02-13 08:30	02-13 09:00	02-13 09:30	02-13 10:00	02-13 10:30	02-13 11:00	02-13 11:30	02-13 12:00	02-13 12:30	02-13 13:00	02-13 13:30	02-13 14:00	02-13 14:30	02-13 15:00	02-13 15:30
TSP	20	mg/Sm³	12	1	1.37	1.11	1.09	1.16	1.14	1.14	1.12	1.28	1.45	1.17	1.11	1.09	1.03	1.10	1.10	1.07
SOx	30	ppm	12	1	0.00	0.00	0.00	1.05	1.09	0.00	0.00	0.00	0.04	0.64	0.28	2.95	8.36	0.00	0.00	0.23
NOx	70	ppm	12	1	42.06	23.97	28.18	26.90	27.41	26.65	27.72	25.28	30.61	25.17	26.50	29.34	35.87	31.17	30.58	37.81
HCl	15	ppm	12	1	1.50	1.01	1.22	3.84	5.97	3.73	1.62	1.26	1.93	1.99	1.14	2.71	6.41	4.73	1.20	0.43
CO	50	ppm	12	1	0.16	0.23	0.24	0.27	0.17	0.11	0.09	0.28	0.40	0.33	0.29	0.26	1.13	0.15	0.24	0.26
O_2		%	0	0.1	10.11	7.62	7.18	7.74	7.49	7.64	7.24	9.11	10.76	7.81	7.06	6.86	5.80	6.80	6.72	6.41
FL1		Sm³	12	10	11,307	13,400	14,018	13,486	13,637	13,434	13,675	12,304	11,320	14,171	14,913	15,418	16,582	14,630	14,588	15,440
TMP		℃	0	1	180.39	180.31	180.30	180.26	179.61	179.48	179.48	179.38	179.76	181.19	182.49	182.49	183.47	183.18	181.88	182.04
TM1		℃	0	1	1,121.63	1,100.32	1,106.28	1,090.09	1,096.73	1,099.02	1,123.39	1,050.01	1,043.63	1,073.67	1,078.49	1,016.23	1,088.73	1,118.47	1,098.44	1,109.03
TM3		℃	0	1	36.62	36.62	36.62	36.61	36.59	36.59	36.59	36.59	36.59	36.59	36.60	36.59	36.59	36.59	36.59	36.59

					02-13 16:00	02-13 16:30	02-13 17:00	02-13 17:30	02-13 18:00	02-13 18:30	02-13 19:00	02-13 19:30	02-13 20:00	02-13 20:30	02-13 21:00	02-13 21:30	02-13 22:00	02-13 22:30	02-13 23:00	02-13 23:30
TSP	20	mg/Sm³	12	1	1.42	1.10	1.24	1.16	1.26	1.21	1.29	1.19	1.43	1.24	1.23	1.19	1.35	1.21	1.31	1.29
SOx	30	ppm	12	1	0.26	0.51	0.00	2.85	0.68	0.00	0.00	0.00	0.00	0.43	0.40	7.57	0.10	7.45	0.00	0.07
NOx	70	ppm	12	1	53.41	35.61	27.18	27.15	21.64	30.04	24.32	22.50	28.78	18.56	21.67	26.11	22.59	28.35	22.94	21.51
HCl	15	ppm	12	1	1.70	1.35	1.24	4.94	9.16	3.13	2.64	1.22	2.33	4.73	4.65	10.24	11.35	8.12	7.73	5.28
CO	50	ppm	12	1	0.15	0.25	0.51	0.26	0.50	0.35	0.75	0.71	0.66	0.65	0.49	0.28	0.43	0.31	0.89	0.57
O_2		%	0	0.1	9.32	6.84	8.85	7.91	8.94	8.42	9.21	8.23	10.37	8.46	8.21	7.80	9.38	8.03	9.05	8.88
FL1		Sm³	12	10	11,740	14,756	12,300	13,867	12,934	13,582	12,621	13,790	12,203	13,357	13,704	14,335	12,166	14,140	12,874	12,829
TMP		℃	0	1	181.68	181.43	180.47	180.97	182.29	182.50	182.64	182.26	182.88	182.38	180.95	181.56	181.85	181.99	182.36	181.94
TM1		℃	0	1	1,136.58	1,111.55	1,037.49	1,077.59	1,025.77	1,054.72	1,000.81	1,017.02	1,016.19	999.51	1,028.30	1,071.58	1,016.40	1,077.00	994.98	1,020.56
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

2월 14일 굴뚝별 트랜드

					02-14 00:00	02-14 00:30	02-14 01:00	02-14 01:30	02-14 02:00	02-14 02:30	02-14 03:00	02-14 03:30	02-14 04:00	02-14 04:30	02-14 05:00	02-14 05:30	02-14 06:00	02-14 06:30	02-14 07:00	02-14 07:30
TSP	20	mg/Sm³	12	1	1.56	1.31	1.30	1.28	1.28	1.25	1.22	1.23	1.46	1.25	1.24	1.22	1.20	1.14	1.23	1.11
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	3.19	0.73	5.08	2.69	1.06	0.24	3.62	4.69	0.00	0.00	0.00	0.02
NOx	70	ppm	12	1	18.19	20.11	19.80	25.20	22.00	20.62	24.67	24.49	28.46	28.68	23.65	33.27	28.11	30.02	27.69	23.43
HCl	15	ppm	12	1	4.78	2.27	2.07	3.33	3.81	5.04	4.55	6.97	6.58	5.43	10.33	12.63	5.74	1.30	1.02	0.70
CO	50	ppm	12	1	0.78	0.57	0.77	0.48	0.48	0.51	0.43	0.39	0.58	0.30	0.40	0.33	0.27	0.20	0.45	0.16
O_2		%	0	0.1	11.51	9.10	9.08	8.83	8.62	8.51	8.18	8.34	10.52	8.39	8.32	8.33	8.11	7.85	8.52	7.02
FL1		Sm³	12	10	10,631	12,562	12,611	12,721	13,123	13,358	13,860	13,437	12,019	13,567	13,480	13,669	12,674	12,974	12,067	13,505
TMP		℃	0	1	181.29	180.43	180.09	180.27	180.40	180.49	181.30	181.35	181.50	182.01	181.93	182.15	180.81	178.42	177.93	177.95
TM1		℃	0	1	1,007.97	1,014.25	998.87	1,036.01	1,040.39	1,027.67	1,049.35	1,048.79	1,061.17	1,052.68	1,038.47	1,072.21	1,065.93	1,071.19	1,047.72	1,102.01
TM3		℃	0	1	36.59	36.59	36.60	36.60	36.60	36.61	36.61	36.62	36.62	36.61	36.61	36.60	36.59	36.59	36.59	36.59

					02-14 08:00	02-14 08:30	02-14 09:00	02-14 09:30	02-14 10:00	02-14 10:30	02-14 11:00	02-14 11:30	02-14 12:00	02-14 12:30	02-14 13:00	02-14 13:30	02-14 14:00	02-14 14:30	02-14 15:00	02-14 15:30
TSP	20	mg/Sm³	12	1	1.41	1.15	1.22	1.19	1.17	1.28	1.24	1.24	1.54	1.22	1.29	1.35	1.19	1.28	1.29	1.30
SOx	30	ppm	12	1	2.25	1.70	0.55	0.00	0.01	0.00	0.02	0.31	0.00	0.03	2.11	3.06	3.62	0.00	0.00	0.00
NOx	70	ppm	12	1	33.98	26.71	29.44	26.61	22.94	20.03	23.85	22.23	28.69	19.85	23.68	20.94	23.06	20.16	18.11	21.04
HCl	15	ppm	12	1	2.46	4.47	3.99	3.39	1.46	1.80	2.14	2.98	5.55	2.98	7.35	10.16	6.49	4.01	3.80	2.67
CO	50	ppm	12	1	0.17	0.19	0.34	0.33	0.34	0.38	0.26	0.36	0.48	0.34	0.50	0.84	0.26	0.28	0.42	0.38
O_2		%	0	0.1	9.56	7.37	7.91	7.63	7.26	8.77	7.98	7.81	11.19	7.83	8.41	9.07	7.86	8.56	8.57	8.63
FL1		Sm³	12	10	11,449	13,840	14,105	13,871	13,804	12,563	13,621	13,977	11,229	13,763	13,378	12,454	13,749	12,878	12,948	12,832
TMP		℃	0	1	179.03	179.47	181.72	182.78	181.59	181.32	181.95	182.98	183.03	182.88	182.99	182.75	182.34	182.44	182.52	182.34
TM1		℃	0	1	1,126.87	1,109.72	1,091.21	1,068.37	1,076.33	1,044.51	1,063.50	1,054.83	1,021.49	1,057.21	1,026.77	991.21	1,066.97	1,032.20	1,024.89	1,033.69
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					02-14 16:00	02-14 16:30	02-14 17:00	02-14 17:30	02-14 18:00	02-14 18:30	02-14 19:00	02-14 19:30	02-14 20:00	02-14 20:30	02-14 21:00	02-14 21:30	02-14 22:00	02-14 22:30	02-14 23:00	02-14 23:30
TSP	20	mg/Sm³	12	1	1.52	1.22	1.29	1.26	1.31	1.27	1.31	1.26	1.55	1.25	1.37	1.33	1.31	1.39	1.20	1.16
SOx	30	ppm	12	1	0.32	0.16	0.11	3.84	0.00	0.58	0.21	0.00	0.00	0.30	0.00	0.19	0.00	0.00	1.15	0.00
NOx	70	ppm	12	1	29.34	25.02	24.68	25.21	21.39	23.49	21.95	25.72	28.42	25.86	19.46	22.35	21.13	19.42	23.95	22.64
HCl	15	ppm	12	1	2.90	3.68	1.65	8.07	5.70	6.71	4.17	3.24	3.45	4.16	3.20	1.96	1.35	2.00	4.09	2.67
CO	50	ppm	12	1	0.31	0.19	0.33	0.41	0.46	0.39	0.51	0.40	0.55	0.27	0.43	0.48	0.45	0.65	0.25	0.27
O_2		%	0	0.1	10.80	7.80	8.29	8.13	8.63	8.18	8.58	8.16	10.86	7.82	9.15	8.83	8.67	9.33	7.68	7.14
FL1		Sm³	12	10	11,310	13,857	13,032	13,424	13,089	13,605	12,975	13,598	11,505	13,846	12,139	12,677	12,776	11,980	13,307	14,079
TMP		℃	0	1	181.90	182.96	182.71	182.14	182.39	183.06	182.97	183.10	183.30	183.57	182.78	181.51	180.76	180.78	179.98	180.05
TM1		℃	0	1	1,051.57	1,103.99	1,075.92	1,052.25	1,028.85	1,035.85	1,032.69	1,043.87	1,023.62	1,064.65	1,007.55	1,031.85	1,018.37	988.80	1,053.47	1,056.95
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59