12월 12일 굴뚝별 트랜드

					12-12 00:00	12-12 00:30	12-12 01:00	12-12 01:30	12-12 02:00	12-12 02:30	12-12 03:00	12-12 03:30	12-12 04:00	12-12 04:30	12-12 05:00	12-12 05:30	12-12 06:00	12-12 06:30	12-12 07:00	12-12 07:30
TSP	20	mg/Sm³	12	1	0.77	0.66	0.62	0.61	0.61	0.61	0.73	0.62	0.78	0.61	0.63	0.64	0.63	0.64	0.64	0.62
SOx	30	ppm	12	1	0.24	0.00	0.09	0.56	0.00	0.01	0.00	9.09	0.04	0.00	0.47	0.02	0.04	0.10	0.00	0.00
NOx	70	ppm	12	1	36.80	28.05	26.97	29.34	32.59	29.27	27.30	26.43	28.83	29.82	24.02	25.22	26.61	29.38	26.65	29.51
HCl	15	ppm	12	1	5.93	0.04	0.22	0.15	0.09	0.00	0.51	1.67	7.47	0.19	0.00	0.00	0.00	0.02	0.00	0.00
CO	50	ppm	12	1	0.25	0.57	0.39	0.41	0.35	0.25	0.77	15.12	0.80	0.44	0.81	0.29	0.40	4.93	0.48	0.44
O_2		%	0	0.1	9.86	8.18	7.03	6.79	6.93	6.75	8.97	6.68	10.16	6.76	7.09	7.58	7.07	7.26	7.42	6.91
FL1		Sm³	12	10	12,027	13,179	14,183	14,650	14,884	14,584	12,135	14,462	11,606	14,859	14,335	13,526	14,236	14,184	14,003	14,903
TMP		℃	0	1	185.71	185.34	185.74	186.08	186.32	186.14	185.62	184.71	184.73	185.75	186.44	185.91	185.73	185.93	185.94	186.29
TM1		℃	0	1	1,054.79	1,018.39	1,057.02	1,068.34	1,057.71	1,070.23	1,002.02	1,078.68	1,039.29	1,063.13	1,039.53	1,051.93	1,054.84	1,036.24	1,026.63	1,037.39
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					12-12 08:00	12-12 08:30	12-12 09:00	12-12 09:30	12-12 10:00	12-12 10:30	12-12 11:00	12-12 11:30	12-12 12:00	12-12 12:30	12-12 13:00	12-12 13:30	12-12 14:00	12-12 14:30	12-12 15:00	12-12 15:30
TSP	20	mg/Sm³	12	1	0.78	0.61	0.59	0.65	0.59	0.61	0.70	0.60	0.80	0.60	0.67	0.57	0.65	0.59	0.60	0.55
SOx	30	ppm	12	1	0.17	0.30	1.58	1.14	5.47	0.00	0.00	2.61	18.95	1.16	0.00	0.29	0.88	0.19	0.00	0.00
NOx	70	ppm	12	1	32.25	23.48	30.12	27.26	27.07	30.79	25.83	30.74	36.64	27.99	22.80	25.32	29.07	26.46	24.34	25.44
HCl	15	ppm	12	1	2.69	0.00	0.00	0.27	0.90	1.71	3.10	2.93	17.96	6.64	4.16	1.71	3.19	2.05	2.79	1.19
CO	50	ppm	12	1	0.84	0.35	0.46	0.57	0.56	0.26	0.58	0.48	0.82	0.38	0.72	10.45	17.35	0.40	0.41	0.81
O_2		%	0	0.1	9.09	6.68	6.15	7.48	6.22	6.76	8.40	6.58	10.01	6.66	8.35	5.95	7.76	6.65	6.83	5.48
FL1		Sm³	12	10	12,594	15,207	16,036	14,105	15,668	15,061	12,993	15,187	11,906	15,176	13,144	15,800	13,807	15,128	14,774	15,432
TMP		℃	0	1	186.62	187.03	187.60	187.88	187.52	187.27	187.09	186.83	187.23	187.14	186.13	185.55	185.25	185.74	186.88	185.99
TM1		℃	0	1	1,051.33	1,041.88	1,057.19	1,027.05	1,057.57	1,054.11	1,022.91	1,051.79	1,018.49	1,035.11	981.39	1,074.61	1,008.51	1,065.43	1,040.66	1,083.12
TM3		℃	0	1	36.31	36.30	36.31	36.30	36.31	36.30	36.31	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					12-12 16:00	12-12 16:30	12-12 17:00	12-12 17:30	12-12 18:00	12-12 18:30	12-12 19:00	12-12 19:30	12-12 20:00	12-12 20:30	12-12 21:00	12-12 21:30	12-12 22:00	12-12 22:30	12-12 23:00	12-12 23:30
TSP	20	mg/Sm³	12	1	0.79	0.59	0.61	0.66	0.63	0.69	0.60	0.60	0.83	0.63	0.59	0.65	0.60	0.70	0.64	0.65
SOx	30	ppm	12	1	0.00	0.00	0.04	0.00	0.81	0.00	1.12	3.12	0.00	0.00	2.17	0.19	3.14	0.00	0.51	0.85
NOx	70	ppm	12	1	26.63	26.34	23.05	21.95	23.16	19.72	28.62	26.82	31.68	24.48	24.05	23.50	26.92	25.83	24.64	26.54
HCl	15	ppm	12	1	5.68	0.00	0.00	0.16	0.96	3.06	1.38	2.25	7.14	0.00	0.06	0.13	0.53	2.56	2.23	3.80
CO	50	ppm	12	1	2.96	0.42	0.49	0.93	0.56	0.64	0.24	0.24	0.40	0.47	0.34	0.46	0.30	0.57	0.29	0.35
O_2		%	0	0.1	10.24	6.59	6.95	7.97	7.17	8.40	6.46	6.29	10.42	7.03	6.11	7.45	6.14	8.37	7.05	7.23
FL1		Sm³	12	10	10,742	15,260	14,616	13,538	14,592	13,040	15,409	15,662	11,408	14,899	15,765	14,117	15,860	13,057	14,507	14,539
TMP		℃	0	1	184.85	185.61	186.75	186.37	186.34	186.51	186.63	187.69	187.54	187.02	187.63	187.32	187.30	187.07	186.58	186.76
TM1		℃	0	1	1,040.41	1,036.05	1,028.74	993.43	1,023.58	978.05	1,051.43	1,068.57	1,026.81	1,031.33	1,062.64	1,019.97	1,074.53	989.20	1,031.59	1,032.49
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.31	36.32	36.31	36.32	36.32	36.32

12월 13일 굴뚝별 트랜드

					12-13 00:00	12-13 00:30	12-13 01:00	12-13 01:30	12-13 02:00	12-13 02:30	12-13 03:00	12-13 03:30	12-13 04:00	12-13 04:30	12-13 05:00	12-13 05:30	12-13 06:00	12-13 06:30	12-13 07:00	12-13 07:30
TSP	20	mg/Sm³	12	1	0.78	0.67	0.71	0.63	0.74	0.64	0.63	0.65	0.82	0.59	0.66	0.62	0.70	0.62	0.67	0.68
SOx	30	ppm	12	1	4.64	0.17	0.00	1.28	0.00	0.00	0.00	0.00	0.00	0.63	0.00	0.79	0.00	0.26	0.83	0.00
NOx	70	ppm	12	1	32.24	27.99	26.89	28.90	24.75	28.59	24.25	24.48	31.25	27.77	22.90	26.04	22.25	32.04	25.21	25.03
HCl	15	ppm	12	1	6.71	1.66	0.56	0.99	5.00	1.96	1.80	1.31	4.18	0.00	0.13	0.41	1.24	0.62	0.93	1.16
CO	50	ppm	12	1	0.43	0.34	0.57	0.32	0.76	0.38	0.52	0.53	0.50	0.28	0.59	0.32	0.67	0.22	0.56	0.58
O_2		%	0	0.1	8.88	7.82	8.48	6.95	9.27	7.23	7.03	7.55	10.26	6.55	7.68	6.60	8.23	6.73	7.65	8.06
FL1		Sm³	12	10	13,108	13,666	12,827	14,595	11,788	14,441	14,869	14,239	11,719	15,089	14,115	15,342	13,299	15,138	13,901	13,226
TMP		℃	0	1	187.56	187.59	186.50	185.95	185.77	185.21	186.34	186.94	186.94	186.68	186.87	187.04	186.86	186.38	186.96	186.43
TM1		℃	0	1	1,057.77	1,049.15	995.94	1,058.19	977.04	1,034.63	1,018.41	989.65	1,020.67	1,040.74	1,009.53	1,044.23	982.77	1,048.99	1,029.05	1,012.11
TM3		℃	0	1	36.32	36.32	36.31	36.31	36.32	36.31	36.31	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					12-13 08:00	12-13 08:30	12-13 09:00	12-13 09:30	12-13 10:00	12-13 10:30	12-13 11:00	12-13 11:30	12-13 12:00	12-13 12:30	12-13 13:00	12-13 13:30	12-13 14:00	12-13 14:30	12-13 15:00	12-13 15:30
TSP	20	mg/Sm³	12	1	0.79	0.67	0.66	0.64	0.65	0.63	0.60	0.64	0.77	0.64	0.63	0.66	0.63	0.62	0.63	0.67
SOx	30	ppm	12	1	0.05	0.00	0.00	0.00	0.00	0.00	8.16	0.00	0.00	0.00	9.68	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	37.01	32.82	28.98	32.09	27.71	30.64	32.17	27.91	35.78	24.88	27.03	28.27	24.38	28.48	28.58	23.55
HCl	15	ppm	12	1	4.71	0.00	0.00	0.00	0.02	0.20	4.54	6.59	12.15	0.65	1.93	2.14	0.90	0.22	0.50	0.78
CO	50	ppm	12	1	0.61	0.64	0.44	0.33	0.48	0.48	0.34	0.48	0.44	0.50	25.09	0.70	0.52	0.41	0.54	0.88
O_2		%	0	0.1	9.30	7.65	7.39	7.18	7.63	7.21	6.43	7.29	10.16	7.58	7.11	8.31	7.75	7.43	7.73	8.36
FL1		Sm³	12	10	12,170	13,729	14,199	14,288	13,562	14,097	15,092	13,978	11,439	13,354	14,178	12,876	13,690	14,011	13,673	13,054
TMP		℃	0	1	185.24	185.63	186.55	186.57	186.25	186.03	186.56	186.73	184.57	183.89	184.59	185.16	185.30	186.02	186.12	185.76
TM1		℃	0	1	1,059.81	1,036.05	1,043.60	1,045.30	1,030.48	1,046.16	1,065.38	1,028.87	1,041.65	1,062.74	1,055.79	1,023.11	1,026.45	1,032.09	1,021.46	974.27
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					12-13 16:00	12-13 16:30	12-13 17:00	12-13 17:30	12-13 18:00	12-13 18:30	12-13 19:00	12-13 19:30	12-13 20:00	12-13 20:30	12-13 21:00	12-13 21:30	12-13 22:00	12-13 22:30	12-13 23:00	12-13 23:30
TSP	20	mg/Sm³	12	1	0.75	0.53	0.59	0.55	0.60	0.61	0.66	0.63	0.81	0.65	0.65	0.66	0.66	0.60	0.62	0.62
SOx	30	ppm	12	1	3.29	0.00	0.00	0.00	0.00	0.00	0.21	12.87	2.00	7.18	3.89	0.78	1.64	3.91	9.27	0.00
NOx	70	ppm	12	1	31.85	23.52	25.55	24.81	19.44	30.46	29.73	24.10	25.92	24.17	22.30	23.32	22.40	25.49	22.32	27.75
HCl	15	ppm	12	1	5.23	0.26	0.00	0.00	0.00	0.00	0.85	5.12	14.16	5.91	8.09	7.44	7.29	5.43	8.50	4.82
CO	50	ppm	12	1	0.76	0.45	0.29	5.61	0.60	0.48	1.05	0.85	1.53	0.74	0.78	0.75	0.67	0.26	0.39	0.33
O_2		%	0	0.1	9.44	5.23	6.81	5.91	6.91	7.25	8.24	7.56	11.31	8.03	7.97	8.07	8.01	6.64	7.04	7.37
FL1		Sm³	12	10	12,361	15,362	13,479	14,595	13,737	13,867	13,173	13,770	10,994	13,671	12,663	13,286	13,381	15,074	13,767	13,354
TMP		℃	0	1	185.77	186.05	184.90	184.59	184.63	184.31	184.96	185.71	185.55	184.74	184.55	184.73	184.77	184.92	185.45	184.38
TM1		℃	0	1	1,018.59	1,087.81	1,076.56	1,071.06	1,025.66	1,022.68	988.90	1,012.77	939.68	983.12	984.29	989.79	991.51	1,049.61	1,055.51	1,044.89
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

12월 14일 굴뚝별 트랜드

					12-14 00:00	12-14 00:30	12-14 01:00	12-14 01:30	12-14 02:00	12-14 02:30	12-14 03:00	12-14 03:30	12-14 04:00	12-14 04:30	12-14 05:00	12-14 05:30	12-14 06:00	12-14 06:30	12-14 07:00	12-14 07:30
TSP	20	mg/Sm³	12	1	0.80	0.66	0.61	0.61	0.63	0.68	0.62	0.59	0.84	0.60	0.63	0.65	0.60	0.63	0.61	0.66
SOx	30	ppm	12	1	0.00	0.00	7.42	7.77	1.34	0.00	0.93	9.50	1.20	0.00	0.00	0.00	0.00	0.00	0.46	0.00
NOx	70	ppm	12	1	34.94	29.45	29.05	27.59	26.51	26.75	32.39	32.46	35.19	32.59	30.22	29.56	30.47	27.19	31.51	22.92
HCl	15	ppm	12	1	6.49	0.22	2.79	7.07	7.78	9.43	4.68	8.54	15.03	0.23	0.74	1.43	0.32	1.12	0.92	2.37
CO	50	ppm	12	1	0.63	0.68	0.41	0.41	0.40	0.48	0.41	0.31	0.75	0.21	0.27	0.48	0.22	0.39	3.92	0.59
O_2		%	0	0.1	10.11	7.92	6.49	6.72	6.92	8.23	6.79	5.98	11.15	6.34	6.89	7.45	6.26	6.68	6.32	7.54
FL1		Sm³	12	10	11,245	12,872	14,383	14,053	13,964	12,346	14,051	15,259	10,530	14,514	14,136	13,306	14,709	14,282	14,835	13,129
TMP		℃	0	1	184.17	184.24	183.78	183.97	184.65	184.62	183.55	184.64	185.13	183.36	184.05	184.49	184.57	185.06	185.10	184.74
TM1		℃	0	1	1,017.09	1,001.95	1,068.03	1,048.07	1,050.57	1,012.73	1,064.43	1,083.22	990.65	1,079.82	1,065.94	1,038.17	1,081.50	1,066.83	1,062.51	1,021.03
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					12-14 08:00	12-14 08:30	12-14 09:00	12-14 09:30	12-14 10:00	12-14 10:30	12-14 11:00	12-14 11:30	12-14 12:00	12-14 12:30	12-14 13:00	12-14 13:30	12-14 14:00	12-14 14:30	12-14 15:00	12-14 15:30
TSP	20	mg/Sm³	12	1	0.82	0.60	0.56	0.48	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.46	0.46	0.46	0.46	0.45
SOx	30	ppm	12	1	4.79	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.77	51.95	0.00	0.04	1.65	4.40	0.00
NOx	70	ppm	12	1	35.16	28.59	16.81	0.69	0.58	0.49	0.47	0.36	0.61	93.88	112.79	0.42	14.06	134.88	111.58	94.30
HCl	15	ppm	12	1	13.81	2.44	1.14	0.02	0.00	0.00	0.00	2.49	14.39	0.18	11.91	9.85	0.33	1.73	1.88	3.05
CO	50	ppm	12	1	0.52	0.22	0.27	0.00	0.00	0.00	0.00	0.00	0.00	123.18	147.97	0.00	0.06	0.39	41.39	5.86
O_2		%	0	0.1	9.78	6.07	12.68	21.12	20.94	20.90	20.90	12.28	15.05	9.56	0.00	15.48	18.99	5.69	5.04	6.19
FL1		Sm³	12	10	11,716	15,080	16,444	18,400	17,886	18,816	18,582	18,686	18,319	18,260	18,215	18,470	17,976	18,222	17,312	16,443
TMP		℃	0	1	184.92	185.32	185.28	185.32	184.87	185.46	186.18	186.41	185.88	185.47	185.20	185.31	184.86	184.68	185.09	183.66
TM1		℃	0	1	1,057.81	1,080.61	1,045.05	1,056.93	1,043.35	1,083.49	1,054.73	1,060.15	1,053.75	1,054.38	1,050.83	1,067.83	1,038.35	1,073.39	1,105.29	1,086.28
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.33	36.32	36.32	36.32	36.32	36.32	36.32	36.29	36.30	36.29

					12-14 16:00	12-14 16:30	12-14 17:00	12-14 17:30	12-14 18:00	12-14 18:30	12-14 19:00	12-14 19:30	12-14 20:00	12-14 20:30	12-14 21:00	12-14 21:30	12-14 22:00	12-14 22:30	12-14 23:00	12-14 23:30
TSP	20	mg/Sm³	12	1	0.45	0.63	0.60	0.64	0.60	0.55	0.60	0.59	0.79	0.64	0.59	0.63	0.57	0.59	0.61	0.65
SOx	30	ppm	12	1	1.51	0.00	0.06	0.29	0.04	0.00	0.00	0.24	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	77.23	21.45	17.50	15.54	13.53	15.20	12.48	8.50	16.16	9.03	13.64	9.53	13.74	10.83	11.90	6.73
HCl	15	ppm	12	1	2.36	1.22	1.34	2.05	0.78	0.27	0.55	0.28	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	53.75	0.84	0.57	0.75	0.66	0.32	0.49	3.13	0.38	0.41	0.36	0.48	0.22	0.27	0.31	0.63
O_2		%	0	0.1	9.08	7.53	6.57	7.37	6.46	5.56	6.56	6.06	9.70	7.53	6.25	7.33	5.83	6.22	6.50	7.38
FL1		Sm³	12	10	17,269	14,076	15,189	14,253	14,871	15,111	14,113	14,668	11,045	12,631	14,506	13,270	15,134	14,767	14,169	13,154
TMP		℃	0	1	184.05	185.22	186.29	186.76	185.90	185.14	184.95	184.46	184.28	183.78	183.03	182.98	183.27	184.12	184.43	183.72
TM1		℃	0	1	1,073.76	1,015.99	1,043.53	1,022.72	1,024.59	1,069.69	1,045.89	1,055.74	1,050.58	1,037.52	1,068.01	1,026.47	1,068.11	1,060.59	1,060.16	1,010.54
TM3		℃	0	1	36.29	36.25	36.25	36.25	36.26	36.27	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28