12월 11일 굴뚝별 트랜드

					12-11 00:00	12-11 00:30	12-11 01:00	12-11 01:30	12-11 02:00	12-11 02:30	12-11 03:00	12-11 03:30	12-11 04:00	12-11 04:30	12-11 05:00	12-11 05:30	12-11 06:00	12-11 06:30	12-11 07:00	12-11 07:30
TSP	20	mg/Sm³	12	1	0.46	0.35	0.31	0.33	0.32	0.37	0.39	0.31	0.46	0.36	0.37	0.35	0.34	0.33	0.35	0.41
SOx	30	ppm	12	1	3.74	0.05	2.76	0.46	2.01	0.86	0.00	1.19	0.00	0.00	0.77	4.01	0.76	1.34	0.01	0.00
NOx	70	ppm	12	1	24.04	15.60	15.63	18.51	22.56	17.69	15.94	16.68	21.42	18.07	18.25	16.54	19.82	21.03	20.40	13.95
HCl	15	ppm	12	1	8.75	3.84	6.38	5.48	6.40	8.56	5.66	4.43	9.27	4.45	6.29	9.81	7.26	7.71	7.88	5.90
CO	50	ppm	12	1	0.60	0.51	0.37	0.30	0.13	0.35	0.64	0.49	0.66	0.50	0.69	0.36	0.28	0.22	0.23	0.63
O_2		%	0	0.1	10.61	7.25	5.49	6.40	5.82	7.58	8.55	5.55	10.57	7.46	7.72	6.90	6.60	5.99	6.94	8.61
FL1		Sm³	12	10	10,874	14,407	16,183	15,121	15,473	13,554	12,743	16,247	11,051	14,074	14,655	15,241	15,285	16,087	14,863	12,887
TMP		℃	0	1	182.50	182.44	182.34	182.48	182.38	181.93	181.44	181.65	182.49	182.62	182.87	183.52	183.32	183.19	183.47	182.84
TM1		℃	0	1	1,056.24	1,026.95	1,104.65	1,076.97	1,133.55	1,073.40	995.41	1,090.72	1,024.65	1,017.86	1,016.48	1,052.61	1,065.22	1,104.57	1,076.20	1,002.97
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

					12-11 08:00	12-11 08:30	12-11 09:00	12-11 09:30	12-11 10:00	12-11 10:30	12-11 11:00	12-11 11:30	12-11 12:00	12-11 12:30	12-11 13:00	12-11 13:30	12-11 14:00	12-11 14:30	12-11 15:00	12-11 15:30
TSP	20	mg/Sm³	12	1	0.48	0.36	0.37	0.36	0.32	0.41	0.36	0.37	0.45	0.36	0.37	0.38	0.36	0.36	0.37	0.34
SOx	30	ppm	12	1	0.00	0.12	0.00	0.00	6.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15
NOx	70	ppm	12	1	26.74	21.00	19.63	17.57	20.58	16.79	18.55	17.53	30.51	18.68	22.84	19.58	21.16	20.99	16.84	20.78
HCl	15	ppm	12	1	4.93	2.88	4.42	5.59	7.44	6.64	3.52	4.57	4.99	3.11	3.54	3.00	3.49	3.50	4.35	6.55
CO	50	ppm	12	1	0.51	0.68	0.74	0.71	9.76	0.83	0.36	0.43	0.41	0.36	0.48	0.56	0.28	0.37	0.39	0.21
O_2		%	0	0.1	10.39	7.29	7.71	7.27	5.76	8.82	7.36	7.55	9.85	7.37	7.87	7.92	6.80	7.17	7.31	6.54
FL1		Sm³	12	10	10,949	14,448	14,093	14,351	16,249	12,901	14,652	14,516	12,500	14,699	14,149	14,184	15,229	14,852	14,848	15,649
TMP		℃	0	1	182.11	182.50	182.21	182.20	182.38	182.63	182.24	182.90	183.59	182.97	182.86	182.97	183.20	183.25	183.19	183.12
TM1		℃	0	1	1,075.17	1,052.99	1,032.22	1,042.99	1,106.89	1,011.37	1,062.27	1,044.91	1,057.59	1,051.62	1,031.61	1,005.77	1,068.56	1,061.91	1,049.78	1,075.60
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

					12-11 16:00	12-11 16:30	12-11 17:00	12-11 17:30	12-11 18:00	12-11 18:30	12-11 19:00	12-11 19:30	12-11 20:00	12-11 20:30	12-11 21:00	12-11 21:30	12-11 22:00	12-11 22:30	12-11 23:00	12-11 23:30
TSP	20	mg/Sm³	12	1	0.45	0.37	0.39	0.42	0.38	0.35	0.38	0.38	0.48	0.39	0.43	0.37	0.36	0.37	0.40	0.37
SOx	30	ppm	12	1	1.41	3.08	7.55	0.89	1.84	0.03	0.00	0.00	0.21	0.00	0.00	0.00	1.13	0.24	0.00	0.00
NOx	70	ppm	12	1	18.71	23.74	21.50	20.35	20.88	23.70	20.33	19.69	29.54	20.00	16.74	19.04	20.79	22.39	15.57	17.47
HCl	15	ppm	12	1	8.54	9.87	13.30	12.69	11.19	7.00	4.17	4.51	7.47	4.28	4.85	3.30	5.45	4.55	3.50	2.18
CO	50	ppm	12	1	0.48	0.30	0.31	0.58	0.66	0.31	0.47	0.54	0.46	0.43	0.87	0.48	1.19	0.26	0.53	0.26
O_2		%	0	0.1	9.50	7.64	8.03	9.18	8.21	7.15	7.65	7.93	10.38	8.33	9.23	7.69	6.64	7.19	8.04	6.94
FL1		Sm³	12	10	12,466	14,114	13,111	11,954	13,525	14,802	14,206	13,924	11,476	13,582	12,242	14,404	15,809	15,129	14,115	14,586
TMP		℃	0	1	183.09	182.80	182.06	180.71	179.96	180.42	181.45	181.83	182.64	182.64	181.58	180.30	182.94	184.45	183.58	182.48
TM1		℃	0	1	1,062.87	1,074.87	1,076.29	1,024.68	1,029.47	1,063.35	1,037.15	1,016.95	1,073.53	1,025.92	981.32	1,034.59	1,067.15	1,059.68	1,024.18	1,052.64
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 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	0.47	0.38	0.38	0.35	0.40	0.39	0.38	0.40	0.50	0.39	0.36	0.39	0.38	0.40	0.42	0.46
SOx	30	ppm	12	1	0.00	0.00	0.00	0.62	0.00	0.00	0.06	0.00	0.00	0.00	5.23	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	15.84	12.34	12.69	15.26	15.53	20.21	18.06	17.86	19.83	20.83	24.25	20.20	16.57	16.89	19.08	18.76
HCl	15	ppm	12	1	3.41	1.76	2.70	2.62	3.83	3.55	3.11	3.14	3.41	2.64	5.60	5.55	3.36	3.78	4.63	6.67
CO	50	ppm	12	1	0.58	0.50	0.43	0.28	0.30	0.26	0.23	0.33	0.66	0.29	0.20	0.35	0.46	0.51	0.86	1.00
O_2		%	0	0.1	9.84	7.28	7.11	5.95	7.65	7.73	7.04	7.49	10.82	7.02	6.07	7.32	7.06	7.76	8.15	8.95
FL1		Sm³	12	10	11,743	14,489	14,565	15,913	13,603	13,667	14,514	13,806	11,343	14,364	15,622	14,358	14,743	13,906	13,813	13,237
TMP		℃	0	1	181.84	181.19	180.91	182.33	182.03	180.96	181.19	181.62	181.12	180.91	181.60	182.10	182.19	182.14	182.46	183.00
TM1		℃	0	1	1,023.17	1,003.89	1,012.34	1,075.61	1,050.62	1,058.51	1,074.54	1,051.50	1,003.87	1,072.63	1,113.07	1,061.26	1,055.27	1,022.94	1,016.16	986.65
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	0.52	0.41	0.43	0.41	0.43	0.44	0.44	0.42	0.50	0.42	0.40	0.42	0.39	0.41	0.41	0.42
SOx	30	ppm	12	1	4.23	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	22.69	22.49	16.80	21.22	18.72	20.59	18.70	21.30	24.83	18.28	23.45	20.73	21.07	18.29	15.14	17.15
HCl	15	ppm	12	1	18.92	4.64	5.90	5.24	4.33	3.58	4.86	6.05	5.58	2.93	2.80	4.85	3.72	3.60	3.77	4.17
CO	50	ppm	12	1	1.20	0.67	0.86	0.53	0.83	0.79	0.82	0.70	0.26	0.40	0.45	0.62	0.43	0.97	0.71	0.91
O_2		%	0	0.1	10.71	7.79	8.54	7.96	8.61	8.92	9.03	8.44	10.39	8.30	7.92	8.27	7.41	8.33	8.23	8.40
FL1		Sm³	12	10	11,629	13,793	12,941	13,471	12,800	12,868	13,297	13,432	11,406	12,972	13,786	13,246	14,252	13,272	13,131	13,967
TMP		℃	0	1	182.84	180.94	179.63	180.05	179.86	179.63	180.85	182.61	182.06	181.56	181.43	181.77	182.07	181.86	180.93	180.24
TM1		℃	0	1	1,012.54	1,021.03	1,020.11	1,020.28	1,017.35	999.55	1,019.94	1,000.53	1,053.50	1,038.43	1,034.72	1,027.20	1,048.06	997.42	1,001.09	973.05
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 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	0.48	0.40	0.41	0.39	0.40	0.39	0.38	0.39	0.49	0.40	0.41	0.37	0.42	0.39	0.41	0.40
SOx	30	ppm	12	1	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	22.70	21.13	21.39	19.32	19.13	18.12	19.78	20.44	25.84	19.70	18.62	20.43	19.73	22.24	17.98	18.84
HCl	15	ppm	12	1	17.57	7.53	4.22	3.18	3.62	3.03	2.94	4.16	5.95	3.88	3.61	5.19	7.16	5.25	6.48	5.16
CO	50	ppm	12	1	0.55	1.38	0.83	0.65	1.05	1.11	0.80	0.65	0.82	0.65	0.70	0.51	0.49	0.37	0.47	0.37
O_2		%	0	0.1	9.44	8.11	7.94	7.53	8.24	7.96	7.57	7.95	10.54	7.93	8.19	6.89	8.42	7.42	8.22	7.73
FL1		Sm³	12	10	12,301	14,050	13,919	14,233	13,286	13,619	13,991	13,707	11,464	13,669	13,274	14,538	12,753	13,967	13,039	13,575
TMP		℃	0	1	182.23	183.30	182.51	181.85	181.12	180.52	180.89	181.40	181.05	181.33	180.60	179.36	179.87	180.68	180.80	180.89
TM1		℃	0	1	1,051.50	1,030.22	1,011.13	1,027.71	1,010.04	1,009.81	1,025.47	1,025.33	1,033.34	1,031.24	1,001.82	1,068.16	1,030.65	1,062.30	1,043.26	1,067.79
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 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	0.49	0.41	0.42	0.40	0.39	0.39	0.42	0.39	0.51	0.39	0.40	0.38	0.42	0.39	0.42	0.40
SOx	30	ppm	12	1	0.00	0.08	0.00	3.25	0.00	0.00	0.00	0.00	0.00	0.11	0.98	7.19	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	24.84	22.32	17.76	23.80	20.06	23.90	17.71	17.43	21.73	19.31	20.73	17.58	16.02	18.07	18.57	18.16
HCl	15	ppm	12	1	6.72	10.79	7.47	5.84	4.70	3.94	5.22	3.19	4.25	5.78	9.84	13.41	6.87	5.65	5.74	3.63
CO	50	ppm	12	1	0.45	0.37	0.50	0.49	0.60	0.56	0.95	0.66	1.02	0.84	0.82	0.45	0.90	0.32	0.41	0.34
O_2		%	0	0.1	10.45	8.22	8.46	7.52	7.61	7.53	8.44	7.71	10.96	7.72	7.80	6.70	8.14	7.15	8.21	7.68
FL1		Sm³	12	10	11,456	12,966	12,609	13,939	13,996	14,153	13,119	13,887	10,935	13,936	14,034	15,105	13,230	14,129	12,990	13,503
TMP		℃	0	1	180.87	180.19	179.89	180.27	181.18	181.42	181.63	181.66	181.77	181.03	180.27	181.33	181.06	179.97	180.50	180.37
TM1		℃	0	1	1,062.55	1,052.36	1,044.92	1,070.94	1,045.35	1,040.01	1,020.53	1,025.95	1,008.34	1,005.61	995.25	1,071.14	997.05	1,072.05	1,036.61	1,069.31
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 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	0.50	0.42	0.39	0.40	0.42	0.50	0.38	0.44	0.49	0.40	0.42	0.39	0.40	0.38	0.40	0.37
SOx	30	ppm	12	1	0.00	0.00	1.46	0.00	0.00	0.00	0.00	0.00	0.01	13.16	0.00	0.00	0.00	0.00	2.60	4.76
NOx	70	ppm	12	1	26.04	20.95	21.00	19.21	21.02	19.96	18.39	20.61	28.66	25.20	22.01	24.58	22.38	28.74	24.18	30.80
HCl	15	ppm	12	1	4.16	2.85	6.48	11.75	9.42	4.39	4.08	5.22	7.18	22.80	8.24	4.48	5.41	4.53	4.77	6.32
CO	50	ppm	12	1	0.49	0.55	0.56	0.57	0.47	0.36	0.39	0.53	0.60	0.53	0.73	0.53	0.63	0.20	0.44	0.25
O_2		%	0	0.1	10.33	8.30	7.38	7.78	8.46	7.63	7.20	8.52	10.43	7.59	8.76	7.88	8.15	7.42	8.19	7.04
FL1		Sm³	12	10	11,700	13,307	14,296	13,638	12,695	13,847	14,328	13,646	12,632	14,640	12,943	14,712	14,448	15,168	14,080	15,772
TMP		℃	0	1	180.84	181.30	180.76	180.33	179.21	178.04	179.29	180.08	181.34	183.36	180.72	180.31	182.78	183.58	183.15	182.87
TM1		℃	0	1	1,064.13	1,032.71	1,066.17	1,053.00	1,026.15	1,061.15	1,063.16	1,028.11	1,037.91	1,081.63	1,010.54	1,046.88	1,040.10	1,093.77	1,052.53	1,103.90
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	0.48	0.38	0.39	0.39	0.45	0.40	0.40	0.39	0.49	0.43	0.42	0.39	0.41	0.40	0.42	0.37
SOx	30	ppm	12	1	1.95	1.24	0.00	0.00	0.17	0.01	0.64	0.00	0.68	0.12	0.20	2.59	1.54	0.00	0.82	1.35
NOx	70	ppm	12	1	34.65	24.44	21.44	21.63	20.62	23.38	24.04	24.45	28.64	19.54	17.50	23.49	24.25	23.63	19.26	26.12
HCl	15	ppm	12	1	6.92	8.57	8.83	6.30	6.37	5.17	7.51	4.97	5.31	4.38	6.57	7.73	7.27	4.32	6.04	3.38
CO	50	ppm	12	1	0.74	0.53	0.63	0.55	0.89	0.54	0.62	0.63	0.86	0.66	1.28	0.51	0.64	0.42	0.75	0.32
O_2		%	0	0.1	10.37	7.48	7.94	7.78	8.73	8.01	7.84	7.60	10.68	8.45	8.39	7.22	7.83	7.53	8.04	6.61
FL1		Sm³	12	10	12,472	15,142	14,493	14,286	13,005	13,992	14,360	14,751	11,933	13,579	13,770	14,961	14,336	14,742	14,014	15,758
TMP		℃	0	1	183.62	184.46	184.30	183.52	182.35	181.07	182.30	183.35	183.41	182.98	183.10	182.41	182.71	183.34	183.39	183.32
TM1		℃	0	1	1,059.47	1,066.66	1,053.92	1,066.77	1,042.39	1,054.74	1,056.91	1,053.52	1,055.10	1,040.07	1,019.73	1,063.29	1,064.99	1,058.35	1,059.63	1,101.75
TM3		℃	0	1	36.32	36.32	36.33	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