12월 17일 굴뚝별 트랜드

					12-17 00:00	12-17 00:30	12-17 01:00	12-17 01:30	12-17 02:00	12-17 02:30	12-17 03:00	12-17 03:30	12-17 04:00	12-17 04:30	12-17 05:00	12-17 05:30	12-17 06:00	12-17 06:30	12-17 07:00	12-17 07:30
TSP	20	mg/Sm³	12	1	0.51	0.40	0.41	0.37	0.40	0.37	0.44	0.38	0.46	0.44	0.38	0.41	0.42	0.40	0.44	0.44
SOx	30	ppm	12	1	0.48	0.00	0.00	0.00	0.00	0.10	0.00	4.52	1.06	4.47	4.40	0.00	0.00	0.00	0.49	1.78
NOx	70	ppm	12	1	29.35	27.73	21.61	25.33	22.92	23.20	20.28	22.24	24.91	18.78	23.77	22.69	23.28	23.46	21.80	19.32
HCl	15	ppm	12	1	6.75	3.22	4.28	4.02	3.96	3.64	3.97	9.16	6.82	12.45	8.92	5.44	4.14	3.16	4.01	9.97
CO	50	ppm	12	1	0.45	0.62	0.49	0.19	0.42	0.28	0.85	0.34	0.50	0.72	0.21	0.30	0.34	0.25	0.52	0.57
O_2		%	0	0.1	10.99	8.12	8.44	7.06	8.22	7.22	8.90	7.04	9.95	8.81	7.29	8.21	8.51	7.52	8.99	8.91
FL1		Sm³	12	10	10,039	13,058	12,613	14,029	12,841	13,816	12,284	14,114	11,960	12,048	13,636	12,931	12,618	13,733	12,463	12,990
TMP		℃	0	1	179.50	179.40	179.40	180.38	180.02	179.44	179.83	179.35	179.48	179.21	178.74	179.46	179.68	179.63	179.81	180.45
TM1		℃	0	1	1,097.86	1,050.04	1,056.48	1,100.75	1,055.74	1,110.19	1,019.63	1,117.08	1,060.77	1,071.91	1,114.12	1,077.14	1,055.09	1,094.71	1,045.03	1,052.55
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.33	36.33	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					12-17 08:00	12-17 08:30	12-17 09:00	12-17 09:30	12-17 10:00	12-17 10:30	12-17 11:00	12-17 11:30	12-17 12:00	12-17 12:30	12-17 13:00	12-17 13:30	12-17 14:00	12-17 14:30	12-17 15:00	12-17 15:30
TSP	20	mg/Sm³	12	1	0.53	0.42	0.40	0.40	0.45	0.40	0.44	0.44	0.51	0.46	0.44	0.43	0.37	0.38	0.40	0.36
SOx	30	ppm	12	1	0.13	0.00	9.06	2.98	0.85	0.07	4.91	0.00	1.42	0.00	0.18	0.07	3.97	0.40	0.00	0.00
NOx	70	ppm	12	1	24.66	25.53	22.90	22.28	22.68	25.80	21.09	20.18	29.06	19.46	21.04	18.40	23.57	21.92	16.61	27.30
HCl	15	ppm	12	1	6.52	4.36	9.12	4.53	7.81	5.57	7.96	5.46	6.97	6.18	4.27	5.81	7.26	10.51	4.81	3.10
CO	50	ppm	12	1	0.90	0.66	8.85	14.39	0.52	0.25	1.42	0.76	0.68	0.80	0.77	0.80	0.49	0.40	0.39	0.17
O_2		%	0	0.1	11.05	8.16	7.26	7.53	8.78	7.60	8.70	8.77	10.03	9.47	8.86	8.69	7.12	7.46	7.85	6.97
FL1		Sm³	12	10	10,941	13,657	14,592	14,269	12,600	14,124	12,934	12,835	11,415	11,883	12,577	12,939	14,666	14,215	13,004	14,642
TMP		℃	0	1	181.77	181.92	182.88	182.89	182.80	182.37	182.40	182.36	181.57	181.89	181.00	180.44	181.96	182.94	181.74	181.19
TM1		℃	0	1	1,049.08	1,029.42	1,094.80	1,048.48	1,064.22	1,096.83	1,042.59	1,010.77	1,074.55	1,017.36	1,002.98	1,015.02	1,058.65	1,070.28	1,078.57	1,105.37
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.33	36.33	36.33	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					12-17 16:00	12-17 16:30	12-17 17:00	12-17 17:30	12-17 18:00	12-17 18:30	12-17 19:00	12-17 19:30	12-17 20:00	12-17 20:30	12-17 21:00	12-17 21:30	12-17 22:00	12-17 22:30	12-17 23:00	12-17 23:30
TSP	20	mg/Sm³	12	1	0.48	0.41	0.44	0.37	0.41	0.39	0.39	0.43	0.45	0.37	0.38	0.46	0.39	0.35	0.36	0.45
SOx	30	ppm	12	1	0.96	4.19	0.24	4.12	0.11	0.08	0.03	0.00	0.14	0.30	0.00	0.00	0.00	1.44	3.28	0.00
NOx	70	ppm	12	1	24.83	20.97	13.62	25.21	19.29	21.78	22.36	19.79	28.24	20.97	27.81	21.90	20.32	22.03	18.64	18.57
HCl	15	ppm	12	1	6.54	4.98	8.63	6.95	9.48	5.89	3.63	4.95	3.90	4.76	3.26	3.51	2.51	4.63	9.06	6.74
CO	50	ppm	12	1	0.47	11.06	0.85	0.33	0.47	0.36	3.83	0.75	0.68	0.22	0.77	0.90	0.67	0.34	0.39	0.96
O_2		%	0	0.1	10.68	8.09	9.34	6.85	8.35	7.71	7.49	9.17	9.64	6.94	7.22	9.79	7.81	6.23	6.42	9.01
FL1		Sm³	12	10	11,606	13,383	11,797	14,759	13,030	13,809	14,312	12,235	12,747	15,101	14,599	11,697	14,149	16,206	15,620	12,651
TMP		℃	0	1	182.81	183.38	181.81	181.10	181.51	182.08	182.12	181.99	181.29	181.84	182.10	181.17	180.12	181.57	183.88	182.91
TM1		℃	0	1	1,059.73	1,032.59	1,018.63	1,081.78	1,042.83	1,086.24	1,045.69	996.33	1,040.25	1,103.67	1,101.03	988.67	1,009.47	1,064.60	1,097.71	974.75
TM3		℃	0	1	36.32	36.34	36.33	36.34	36.33	36.33	36.33	36.32	36.33	36.32	36.32	36.32	36.32	36.33	36.32	36.32

12월 18일 굴뚝별 트랜드

					12-18 00:00	12-18 00:30	12-18 01:00	12-18 01:30	12-18 02:00	12-18 02:30	12-18 03:00	12-18 03:30	12-18 04:00	12-18 04:30	12-18 05:00	12-18 05:30	12-18 06:00	12-18 06:30	12-18 07:00	12-18 07:30
TSP	20	mg/Sm³	12	1	0.50	0.46	0.46	0.38	0.38	0.42	0.40	0.35	0.49	0.35	0.40	0.39	0.42	0.42	0.38	0.44
SOx	30	ppm	12	1	2.36	0.00	0.00	0.00	0.00	0.00	0.27	3.45	0.00	1.16	0.14	0.03	0.00	0.15	1.60	0.00
NOx	70	ppm	12	1	28.93	15.83	16.23	19.39	18.22	15.61	18.99	23.40	15.04	24.72	26.32	25.84	20.08	24.30	27.11	19.79
HCl	15	ppm	12	1	6.22	3.81	2.69	2.34	4.16	6.61	6.68	5.11	9.28	3.08	6.03	4.21	4.75	3.32	7.47	7.34
CO	50	ppm	12	1	0.38	0.77	1.12	0.43	0.27	0.64	0.51	0.19	0.70	0.16	0.21	0.17	0.36	0.43	0.12	0.49
O_2		%	0	0.1	9.66	9.40	9.54	7.56	7.06	8.24	7.74	5.94	10.65	5.73	7.46	7.09	8.32	8.01	6.58	8.59
FL1		Sm³	12	10	11,688	12,147	12,100	14,556	14,962	13,709	14,156	16,263	12,178	16,740	14,556	15,011	13,615	14,208	15,732	13,391
TMP		℃	0	1	180.66	180.47	179.49	178.80	181.21	182.87	182.79	182.72	182.22	182.61	182.50	182.33	182.16	181.75	181.89	182.09
TM1		℃	0	1	1,074.05	977.15	945.94	1,011.92	1,062.10	1,010.03	1,014.57	1,102.14	1,015.01	1,124.03	1,087.58	1,111.17	1,055.95	1,031.59	1,104.82	1,046.25
TM3		℃	0	1	36.33	36.33	36.34	36.33	36.34	36.34	36.34	36.33	36.33	36.33	36.32	36.32	36.33	36.33	36.33	36.33

					12-18 08:00	12-18 08:30	12-18 09:00	12-18 09:30	12-18 10:00	12-18 10:30	12-18 11:00	12-18 11:30	12-18 12:00	12-18 12:30	12-18 13:00	12-18 13:30	12-18 14:00	12-18 14:30	12-18 15:00	12-18 15:30
TSP	20	mg/Sm³	12	1	0.49	0.41	0.45	0.40	0.42	0.43	0.39	0.37	0.46	0.43	0.37	0.37	0.37	0.38	0.38	0.39
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.77	0.18	0.00	0.00	0.01	0.00	0.28	0.00	0.00	0.00	0.24	2.26
NOx	70	ppm	12	1	33.35	24.24	19.45	20.89	23.07	23.05	28.64	31.00	45.95	21.47	25.83	26.81	27.12	27.94	27.58	20.91
HCl	15	ppm	12	1	4.24	3.69	5.09	4.25	6.01	5.55	3.45	3.72	3.84	3.52	2.67	2.58	2.82	2.87	3.49	4.56
CO	50	ppm	12	1	0.44	0.44	0.77	0.35	0.29	0.30	0.21	0.16	0.24	0.67	7.44	0.25	0.31	0.25	0.35	5.62
O_2		%	0	0.1	10.10	7.95	8.98	7.98	8.42	8.60	7.67	7.26	10.13	8.94	7.26	7.69	7.57	8.11	7.85	7.84
FL1		Sm³	12	10	12,429	14,075	12,638	13,688	13,276	13,052	14,380	14,753	12,469	12,525	14,190	13,949	13,790	13,436	14,148	13,879
TMP		℃	0	1	182.29	182.72	182.38	180.92	181.30	181.88	182.57	183.42	183.64	182.64	181.55	182.29	182.38	181.64	182.67	182.91
TM1		℃	0	1	1,045.15	1,052.20	1,002.76	1,048.14	1,049.82	1,047.40	1,077.53	1,077.63	1,081.11	1,013.99	1,090.47	1,072.79	1,073.28	1,073.99	1,069.20	1,064.36
TM3		℃	0	1	36.33	36.33	36.33	36.34	36.35	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					12-18 16:00	12-18 16:30	12-18 17:00	12-18 17:30	12-18 18:00	12-18 18:30	12-18 19:00	12-18 19:30	12-18 20:00	12-18 20:30	12-18 21:00	12-18 21:30	12-18 22:00	12-18 22:30	12-18 23:00	12-18 23:30
TSP	20	mg/Sm³	12	1	0.47	0.38	0.36	0.40	0.41	0.34	0.40	0.41	0.47	0.41	0.43	0.37	0.36	0.43	0.39	0.41
SOx	30	ppm	12	1	0.00	0.00	1.81	0.00	0.00	1.39	0.00	0.00	0.00	0.00	0.15	0.02	1.82	0.00	0.60	0.00
NOx	70	ppm	12	1	30.61	22.85	25.29	22.91	24.72	35.74	25.76	20.59	30.03	22.69	23.68	23.67	22.55	20.91	26.26	23.35
HCl	15	ppm	12	1	6.84	3.68	4.01	3.58	3.17	2.88	4.48	3.47	3.09	2.53	2.79	5.38	6.84	7.82	4.75	5.34
CO	50	ppm	12	1	0.52	0.43	7.31	0.24	0.32	0.20	0.25	0.47	0.56	0.69	0.95	0.48	0.26	0.54	0.40	0.94
O_2		%	0	0.1	10.79	7.84	6.83	8.36	8.33	6.23	8.28	8.84	10.91	8.91	9.06	7.70	7.16	9.29	8.17	9.03
FL1		Sm³	12	10	11,683	14,044	14,853	13,259	13,254	16,338	13,849	12,599	11,606	12,800	12,791	14,446	14,711	12,245	13,657	13,061
TMP		℃	0	1	183.28	183.58	183.66	183.34	182.94	183.07	184.44	182.85	181.79	181.85	181.75	180.83	182.93	183.29	182.12	182.90
TM1		℃	0	1	1,033.16	1,043.68	1,117.66	1,077.79	1,066.59	1,118.47	1,076.27	1,041.95	1,037.66	1,018.10	982.73	1,048.18	1,077.00	1,020.02	1,053.04	999.33
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

12월 19일 굴뚝별 트랜드

					12-19 00:00	12-19 00:30	12-19 01:00	12-19 01:30	12-19 02:00	12-19 02:30	12-19 03:00	12-19 03:30	12-19 04:00	12-19 04:30	12-19 05:00	12-19 05:30	12-19 06:00	12-19 06:30	12-19 07:00	12-19 07:30
TSP	20	mg/Sm³	12	1	0.45	0.39	0.39	0.38	0.38	0.36	0.36	0.37	0.48	0.36	0.38	0.40	0.37	0.39	0.42	0.38
SOx	30	ppm	12	1	3.35	0.00	0.00	0.00	0.00	0.12	0.24	0.37	0.00	0.12	0.79	0.00	0.26	0.03	0.00	0.86
NOx	70	ppm	12	1	36.32	22.17	25.06	24.00	26.02	26.85	29.28	30.75	29.63	31.41	30.60	25.99	26.19	31.11	24.70	27.24
HCl	15	ppm	12	1	8.65	5.20	2.80	2.47	2.49	4.01	3.52	3.42	4.19	3.00	4.80	3.61	3.64	3.23	4.64	6.13
CO	50	ppm	12	1	0.38	0.49	0.51	0.53	0.41	0.25	0.26	0.19	0.49	0.14	0.28	0.50	0.09	0.20	0.65	0.37
O_2		%	0	0.1	9.18	8.41	8.23	7.85	7.94	7.16	7.16	7.04	10.91	6.89	7.26	8.19	7.14	7.89	8.52	7.57
FL1		Sm³	12	10	13,199	13,771	13,997	14,334	14,216	15,057	15,295	15,085	11,988	15,565	15,003	13,906	14,711	14,376	13,421	14,199
TMP		℃	0	1	184.06	184.14	183.14	182.70	182.65	182.89	183.54	183.41	183.30	183.81	184.07	183.94	183.63	183.99	183.54	182.95
TM1		℃	0	1	1,080.63	1,034.21	1,027.41	1,034.51	1,046.92	1,080.03	1,082.04	1,101.13	1,038.03	1,105.69	1,096.68	1,025.10	1,118.14	1,082.12	1,029.13	1,070.39
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					12-19 08:00	12-19 08:30	12-19 09:00	12-19 09:30	12-19 10:00	12-19 10:30	12-19 11:00	12-19 11:30	12-19 12:00	12-19 12:30	12-19 13:00	12-19 13:30	12-19 14:00	12-19 14:30	12-19 15:00	12-19 15:30
TSP	20	mg/Sm³	12	1	0.50	0.41	0.42	0.44	0.41	0.39	0.43	0.40	0.48	0.38	0.39	0.38	0.45	0.39	0.40	0.35
SOx	30	ppm	12	1	0.00	0.11	0.01	0.14	0.96	0.48	0.86	0.00	0.00	1.00	1.44	0.00	0.00	0.00	0.03	0.38
NOx	70	ppm	12	1	22.59	26.46	25.25	26.02	25.92	31.04	22.05	24.79	36.78	28.08	29.44	30.37	21.20	26.98	28.31	34.22
HCl	15	ppm	12	1	8.09	5.72	5.94	6.22	9.97	4.13	5.05	2.84	6.30	8.65	9.17	5.82	7.02	6.10	14.49	5.10
CO	50	ppm	12	1	0.83	0.59	0.68	1.36	0.76	0.82	0.85	0.69	0.33	0.18	0.17	0.21	0.88	0.61	0.53	0.23
O_2		%	0	0.1	11.70	8.69	8.89	9.62	8.57	7.97	9.06	8.48	10.69	7.34	8.02	7.93	9.35	8.31	8.46	6.98
FL1		Sm³	12	10	11,190	13,178	12,848	12,167	13,219	14,191	12,603	13,486	11,542	14,518	13,872	14,129	12,425	13,781	13,422	14,709
TMP		℃	0	1	181.90	180.96	181.80	181.06	180.14	180.68	181.23	180.70	182.23	183.07	183.19	183.27	182.99	181.86	182.52	182.49
TM1		℃	0	1	992.75	1,046.02	1,017.74	978.41	1,038.73	1,019.53	1,038.31	1,024.50	1,087.97	1,100.56	1,104.40	1,093.37	1,013.23	1,028.13	1,043.16	1,108.17
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					12-19 16:00	12-19 16:30	12-19 17:00	12-19 17:30	12-19 18:00	12-19 18:30	12-19 19:00	12-19 19:30	12-19 20:00	12-19 20:30	12-19 21:00	12-19 21:30	12-19 22:00	12-19 22:30	12-19 23:00	12-19 23:30
TSP	20	mg/Sm³	12	1	0.48	0.41	0.39	0.41	0.42	0.42	0.42	0.40	0.47	0.44	0.42	0.37	0.44	0.42	0.40	0.40
SOx	30	ppm	12	1	2.68	0.00	0.29	0.00	0.03	0.65	0.00	0.00	0.56	0.00	0.00	3.24	0.00	0.00	0.00	0.05
NOx	70	ppm	12	1	42.79	25.18	24.75	27.59	25.41	24.48	24.24	25.49	31.80	19.79	24.83	36.26	20.83	27.85	24.78	27.31
HCl	15	ppm	12	1	7.39	3.96	6.39	5.05	4.10	5.74	5.52	4.40	6.30	5.25	4.47	6.11	8.08	5.67	4.66	4.40
CO	50	ppm	12	1	0.41	0.59	0.36	0.54	0.65	0.54	0.51	0.42	0.52	0.75	0.66	0.45	0.60	0.47	0.30	0.26
O_2		%	0	0.1	11.04	8.78	7.81	8.71	8.95	8.69	8.98	8.06	10.53	9.33	8.61	7.13	9.02	8.27	7.76	7.54
FL1		Sm³	12	10	10,869	12,971	13,756	12,783	12,627	12,750	12,515	13,589	12,147	12,216	12,986	14,934	12,469	13,516	14,060	14,270
TMP		℃	0	1	182.42	182.46	182.39	181.99	181.47	181.24	181.52	181.86	182.24	181.96	181.47	181.50	182.42	182.69	182.49	182.23
TM1		℃	0	1	1,091.49	1,036.61	1,071.81	1,038.15	1,027.33	1,044.94	1,036.28	1,056.07	1,045.61	1,012.07	1,025.24	1,080.65	1,032.09	1,030.50	1,054.99	1,068.91
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.35	36.35	36.34	36.35	36.34	36.33