11월 23일 굴뚝별 트랜드

					11-23 00:00	11-23 00:30	11-23 01:00	11-23 01:30	11-23 02:00	11-23 02:30	11-23 03:00	11-23 03:30	11-23 04:00	11-23 04:30	11-23 05:00	11-23 05:30	11-23 06:00	11-23 06:30	11-23 07:00	11-23 07:30
TSP	20	mg/Sm³	12	1	2.23	1.63	1.61	1.86	1.67	1.86	1.63	1.74	2.13	1.73	1.88	1.95	1.8	1.74	1.79	1.71
SOx	30	ppm	12	1	0	0	2.64	2.74	4.18	5.42	6.05	0.03	0	0	0	0	0	6.8	1.19	4.63
NOx	70	ppm	12	1	23.67	23.1	24.52	18.29	21.85	20.43	27.13	20.2	26.34	24.19	23.1	21.47	26.5	27.94	23.12	29.37
HCl	15	ppm	12	1	3.48	2.66	4.84	4.57	4.64	8.11	3.79	6.57	3.1	1.95	3.67	3.57	3.98	7.92	7.75	8.17
CO	50	ppm	12	1	1.07	0.53	0.36	7.16	6.61	0.62	12.74	0.3	0.35	0.32	0.56	0.87	0.42	0.38	0.54	0.41
O_2		%	0	0.1	11.25	6.75	6.35	8.18	6.97	8.13	6.54	7.58	10.2	7.58	8.54	9.03	8.06	7.56	7.9	7.83
FL1		Sm³	12	10	11,258.9	15,439.5	15,273.1	13,077.3	14,376	13,196.5	15,613	12,989	11,703.6	14,222.6	13,191.8	12,702.4	13,815	14,336.5	13,927.3	14,182
TMP		℃	0	1	180.68	180.69	182.11	180.94	179.31	180	181.35	180.61	179.02	180.17	181.89	181.75	180.38	181	181.33	180.67
TM1		℃	0	1	944.9	1,029.67	1,070.61	1,011.39	1,065.46	1,047.32	1,076.24	1,057.02	1,073.3	1,056.51	1,016.7	994.41	1,039.73	1,064.16	1,058.31	1,065.77
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.31	36.31	36.3	36.3	36.29	36.3	36.3	36.32	36.32	36.32

					11-23 08:00	11-23 08:30	11-23 09:00	11-23 09:30	11-23 10:00	11-23 10:30	11-23 11:00	11-23 11:30	11-23 12:00	11-23 12:30	11-23 13:00	11-23 13:30	11-23 14:00	11-23 14:30	11-23 15:00	11-23 15:30
TSP	20	mg/Sm³	12	1	2.11	1.8	1.65	1.69	1.6	1.27	1.27	1.27	1.28	1.27	1.27	1.27	5.27	0.25	0.25	0.26
SOx	30	ppm	12	1	0	0.41	5.37	0	0.27	29.84	26.8	0	0.51	0.1	0	0	0	0	0.58	2.5
NOx	70	ppm	12	1	28.26	24.12	25.06	28.92	16.54	63.03	59.51	0	0.83	0.92	0.82	0.76	0.69	0.81	33.21	32.72
HCl	15	ppm	12	1	10.24	6.45	8.61	3.32	4.86	4.56	18.32	0.28	0.53	0.74	0.81	0.87	0.89	0.91	19.94	17.09
CO	50	ppm	12	1	0.83	0.72	46.85	1.11	0.64	78.45	77.53	0	0.04	0.06	0.06	0.08	0.08	0.1	1.22	1.51
O_2		%	0	0.1	11.25	8.63	6.56	7.28	10.46	7.2	2.63	20.98	20.91	20.91	20.78	20.69	20.69	20.69	11.15	8.26
FL1		Sm³	12	10	11,605.2	13,320.3	12,102.7	13,902.8	14,920.6	18,448.8	18,985.2	18,802.3	19,340.9	18,983.5	18,995.2	18,581.5	18,719.3	20,005.9	20,131.5	19,608.6
TMP		℃	0	1	180.42	180.49	177.3	179.2	179.25	179.55	180.65	181.26	181.65	181.96	181.92	181.16	181.32	181.93	181.91	182.33
TM1		℃	0	1	1,024.44	1,023.87	1,074.47	1,088.65	1,063.29	1,071.93	1,069.89	1,051.2	1,098.65	1,053.61	1,052.7	1,105.78	1,070.38	1,019.33	1,009.87	1,049.07
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.3	36.24	36.25	36.28	36.28	36.28	36.28	36.28	36.29	36.28	36.28	36.29

					11-23 16:00	11-23 16:30	11-23 17:00	11-23 17:30	11-23 18:00	11-23 18:30	11-23 19:00	11-23 19:30	11-23 20:00	11-23 20:30	11-23 21:00	11-23 21:30	11-23 22:00	11-23 22:30	11-23 23:00	11-23 23:30
TSP	20	mg/Sm³	12	1	0.24	0.26	0.32	0.31	0.34	0.34	0.44	0.33	0.43	0.42	0.37	0.33	0.37	0.38	0.34	0.37
SOx	30	ppm	12	1	0	0.14	0.28	0.04	0	9.47	9.41	0	4.72	0	0.33	0.24	0.01	0	14.53	0.16
NOx	70	ppm	12	1	23.86	27.57	19.08	24.56	22.79	28.2	32.41	24.83	29.58	19.14	25.48	21.32	17.08	21.45	20.73	19.94
HCl	15	ppm	12	1	4.56	2.04	2.01	4.46	5.17	5.83	15.77	3.39	13.27	7.52	2.61	6.16	6.34	2.6	9.38	6.61
CO	50	ppm	12	1	2.43	8.78	3.39	0.43	0.56	11.78	0.88	0.64	0.73	1.63	1.19	0.6	0.66	0.85	0.48	0.99
O_2		%	0	0.1	7.28	6.8	6.26	5.95	7.08	6.58	10.37	6.98	10.21	9.55	7.98	6.67	7.65	8.53	6.63	8.13
FL1		Sm³	12	10	17,022.6	18,127.7	15,845.1	15,908.8	14,640.5	15,165.1	11,734.3	14,610.1	12,134.5	12,169.4	14,149.5	16,189.1	14,444.5	13,221.8	15,231.1	13,735.4
TMP		℃	0	1	166.09	180.61	181.87	182.97	182.72	181.83	180.1	178.77	178.99	179.93	178.68	180.72	182.04	179.64	178.17	178.47
TM1		℃	0	1	952.59	1,034.68	1,038.62	1,079.03	1,049.76	1,068.47	1,034.51	1,057.4	1,046.91	953.75	994.92	1,055.26	1,017.53	984.03	1,066.11	1,015.11
TM3		℃	0	1	33.06	36.34	36.32	36.32	36.32	36.33	36.33	36.35	36.33	36.28	36.29	36.31	36.32	36.32	36.32	36.28

11월 24일 굴뚝별 트랜드

					11-24 00:00	11-24 00:30	11-24 01:00	11-24 01:30	11-24 02:00	11-24 02:30	11-24 03:00	11-24 03:30	11-24 04:00	11-24 04:30	11-24 05:00	11-24 05:30	11-24 06:00	11-24 06:30	11-24 07:00	11-24 07:30
TSP	20	mg/Sm³	12	1	0.42	0.36	0.34	0.4	0.31	0.35	0.33	0.33	0.43	0.39	0.36	0.36	0.37	0.38	0.36	0.35
SOx	30	ppm	12	1	1.98	0	0	0	0	0	0	4.64	10.48	0	0.7	4.57	0.05	0	0	0
NOx	70	ppm	12	1	29.33	18.79	21.39	20	19.48	20.01	17.9	17.98	30.39	18.13	23.65	17.15	23.65	18.89	18.32	16.12
HCl	15	ppm	12	1	2.92	2.7	1.64	1.88	0.86	3.5	3.42	6.14	13.24	7.54	3.49	12.93	4.34	8.18	6.76	4.52
CO	50	ppm	12	1	4.9	0.42	0.36	1.23	0.38	0.47	0.41	0.42	0.41	0.82	1.16	1.02	1.09	1.17	0.67	0.76
O_2		%	0	0.1	8.75	7.63	6.91	9.06	5.74	7.29	6.53	6.47	8.89	8.69	7.76	6.96	7.58	8.03	7.33	6.92
FL1		Sm³	12	10	12,834.3	14,236.2	15,203.3	12,762.5	16,975	15,014	15,710.4	16,016.8	13,108.6	13,181	14,730.2	14,732.1	14,838.3	13,807.7	14,530.6	14,748.6
TMP		℃	0	1	178.39	179.07	179.29	179.01	178.97	180.99	181.58	181.45	181.88	181.36	179.96	179.69	179.15	179.37	178.97	179.49
TM1		℃	0	1	1,125.11	1,044.79	1,060.73	951.19	1,068.37	1,011.13	1,041.47	1,043.73	1,081.8	975.56	981.81	1,017.47	997.39	986.5	1,020.52	1,011.55
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.27	36.25	36.25	36.25	36.24	36.25	36.25	36.25	36.24	36.25	36.25	36.25

					11-24 08:00	11-24 08:30	11-24 09:00	11-24 09:30	11-24 10:00	11-24 10:30	11-24 11:00	11-24 11:30	11-24 12:00	11-24 12:30	11-24 13:00	11-24 13:30	11-24 14:00	11-24 14:30	11-24 15:00	11-24 15:30
TSP	20	mg/Sm³	12	1	0.42	0.37	0.39	0.35	0.35	0.33	0.37	0.33	0.45	0.35	0.35	0.32	0.33	0.31	0.33	0.33
SOx	30	ppm	12	1	7.6	10.73	16.07	0	0	0	0	0	0	0	0	0.65	0	0	0	0
NOx	70	ppm	12	1	26.54	17.84	20.78	22.16	21.8	27.72	18.58	24.37	18.57	19.73	18.17	24.74	20.44	21.53	19.81	24.16
HCl	15	ppm	12	1	7.82	10.8	13.4	2.35	1.62	2.31	2.51	1.98	3.76	1.1	1.61	3.63	3.15	1.22	1.65	1.62
CO	50	ppm	12	1	0.9	0.74	0.76	1.69	6.88	0.35	0.49	0.43	0.72	0.61	0.64	0.46	0.63	0.55	0.55	0.46
O_2		%	0	0.1	9.33	7.66	8.23	7.23	7.56	6.47	7.99	6.64	10.37	7.34	7.65	6.64	7.08	6.51	6.89	6.74
FL1		Sm³	12	10	12,880.5	13,898.7	12,657.3	13,591.6	14,291.4	15,996.5	13,635.1	15,882	12,190	15,098.9	14,683.7	15,264.2	14,471.5	15,264.1	14,564	14,870.1
TMP		℃	0	1	179.65	179.27	179.13	177.8	178.05	180.61	181.78	181.65	182.78	182.62	181.79	181.52	181.29	180.74	180.7	180.85
TM1		℃	0	1	1,048.19	1,030.71	1,035.55	1,051.16	1,040.49	1,089.58	1,027.65	1,046.22	1,018.75	1,013.67	1,009.18	1,063.09	1,030.18	1,052.11	1,041.84	1,054.96
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.26	36.26	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					11-24 16:00	11-24 16:30	11-24 17:00	11-24 17:30	11-24 18:00	11-24 18:30	11-24 19:00	11-24 19:30	11-24 20:00	11-24 20:30	11-24 21:00	11-24 21:30	11-24 22:00	11-24 22:30	11-24 23:00	11-24 23:30
TSP	20	mg/Sm³	12	1	0.43	0.33	0.35	0.36	0.31	0.34	0.37	0.34	0.44	0.34	0.37	0.35	0.36	0.37	0.38	0.37
SOx	30	ppm	12	1	0	0	0	0	0.47	0.86	0	0	1.68	0	0	0.71	0	0.79	3.75	0.44
NOx	70	ppm	12	1	31.52	24.03	21.42	20.84	22.15	23.26	21.96	24.43	32.56	28.54	22.82	31.06	27.34	27.85	22.95	27.96
HCl	15	ppm	12	1	1.76	0.56	1.48	1.71	2.16	5.9	2.34	2.1	4.63	2.64	4.07	6.16	3.67	2.45	12.08	2.51
CO	50	ppm	12	1	0.85	0.33	0.57	0.73	0.47	0.42	0.95	0.55	0.56	0.34	0.59	0.3	0.49	0.67	0.64	0.7
O_2		%	0	0.1	10.39	6.67	7.67	7.87	6.21	6.99	7.85	7.15	9.5	6.41	7.9	6.96	7.18	7.58	7.57	7.64
FL1		Sm³	12	10	11,832.8	15,012	13,801.4	13,618	15,827.1	14,618.3	13,910.5	14,812.4	13,201.6	16,254.1	14,287.9	15,215.6	15,092.3	14,685.7	14,088.2	14,215
TMP		℃	0	1	181.55	181.39	181.17	180.56	180.28	181.21	180.41	179.72	182.27	183	181.92	181.61	181.62	181.19	180.39	178.28
TM1		℃	0	1	1,032.62	1,062.81	1,025.85	1,016.09	1,065.32	1,057.17	986.45	1,026.68	1,053.62	1,078.91	1,022.81	1,070.63	1,057.08	1,037.67	1,035.93	1,053.91
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.27	36.26	36.25	36.25	36.25	36.25

11월 25일 굴뚝별 트랜드

					11-25 00:00	11-25 00:30	11-25 01:00	11-25 01:30	11-25 02:00	11-25 02:30	11-25 03:00	11-25 03:30	11-25 04:00	11-25 04:30	11-25 05:00	11-25 05:30	11-25 06:00	11-25 06:30	11-25 07:00	11-25 07:30
TSP	20	mg/Sm³	12	1	0.46	0.38	0.37	0.38	0.38	0.39	0.4	0.36	0.45	0.36	0.37	0.45	0.33	0.36	0.35	0.38
SOx	30	ppm	12	1	0.54	0	0	11.09	0	0	0	1.4	0.08	0.16	0.93	0	19.18	1.24	0.3	0.03
NOx	70	ppm	12	1	35.74	23.99	24.64	32.56	27.69	25.42	26.47	25.09	38.91	27.61	30.22	24.04	26.16	24	22.58	24.5
HCl	15	ppm	12	1	5.11	3.42	6.33	14.01	3.35	3.46	2.82	4.44	2.27	1.45	3.22	4.01	7.46	11.71	2.77	4.73
CO	50	ppm	12	1	0.49	0.85	0.82	0.78	0.98	1.17	1.37	0.7	0.52	0.46	0.43	2	0.58	0.58	0.51	0.69
O_2		%	0	0.1	10.27	7.81	7.48	7.36	7.99	8.37	8.69	7.13	9.78	7.24	7.38	9.94	6.33	7.16	6.61	7.67
FL1		Sm³	12	10	12,075.2	14,918.5	15,427.1	15,230.9	14,665.3	14,125.5	13,902.7	15,666.1	12,893.7	15,068.4	14,824.5	11,811.8	16,452.5	15,255	15,762	14,272.9
TMP		℃	0	1	179.06	180.68	181.85	181.9	180.14	179.56	179.62	180.62	180.59	180.3	180.3	179.16	177.88	180.07	180.17	179.03
TM1		℃	0	1	1,080	1,013.46	1,028.61	1,047.55	1,000.4	992.45	967.19	1,047.26	1,074.45	1,072.75	1,066.75	916.22	1,042.23	1,024.74	1,052.07	1,020.39
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24	36.24	36.25

					11-25 08:00	11-25 08:30	11-25 09:00	11-25 09:30	11-25 10:00	11-25 10:30	11-25 11:00	11-25 11:30	11-25 12:00	11-25 12:30	11-25 13:00	11-25 13:30	11-25 14:00	11-25 14:30	11-25 15:00	11-25 15:30
TSP	20	mg/Sm³	12	1	0.48	0.36	0.39	0.4	0.36	0.35	0.36	0.38	0.42	0.34	0.35	0.32	0.32	0.33	0.31	0.34
SOx	30	ppm	12	1	0.29	3.24	0	0	0	0.62	0	0	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	29.25	26.54	24.05	22.16	24.08	24.65	25.57	19.16	26.8	24.26	25.35	28.76	31.84	23.77	29.63	27.52
HCl	15	ppm	12	1	2.68	1.65	1.82	2.33	1.46	7.5	6.22	2.75	1.98	2.19	2.29	1.58	1.91	2.03	1.52	3.4
CO	50	ppm	12	1	0.69	0.5	0.8	1.09	0.66	0.72	0.6	0.91	1.17	0.51	0.53	0.41	0.28	0.4	0.34	0.55
O_2		%	0	0.1	11.25	7.13	8.23	8.51	7.35	7.12	7.43	8.23	10.14	7.18	7.47	6.42	6.5	6.98	6.18	6.95
FL1		Sm³	12	10	11,286.5	14,957.2	13,705.6	13,278.8	14,720.3	15,059.8	14,637.1	13,575.8	13,444.5	15,120.6	14,360.5	15,581.1	15,481.8	14,882.6	15,878.9	14,841.4
TMP		℃	0	1	177.93	178.25	179.47	179.33	178.32	178.6	180.07	180.13	179.95	182.05	181.5	181.58	181.93	182.05	182.06	181.54
TM1		℃	0	1	1,020.34	1,065.63	1,012.62	1,001.06	1,032.01	1,043.08	1,027.37	1,000.57	1,010.03	1,044.49	1,035.59	1,082.46	1,097.11	1,064.34	1,083.45	1,063.25
TM3		℃	0	1	36.25	36.24	36.24	36.24	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24

					11-25 16:00	11-25 16:30	11-25 17:00	11-25 17:30	11-25 18:00	11-25 18:30	11-25 19:00	11-25 19:30	11-25 20:00	11-25 20:30	11-25 21:00	11-25 21:30	11-25 22:00	11-25 22:30	11-25 23:00	11-25 23:30
TSP	20	mg/Sm³	12	1	0.42	0.34	0.33	0.33	0.34	0.34	0.36	0.34	0.44	0.38	0.35	0.35	0.34	0.36	0.35	0.34
SOx	30	ppm	12	1	0	0.06	0.31	0	0	0	0	0.21	1.54	3.19	0	0	0	0	0	0
NOx	70	ppm	12	1	31.38	27.43	31	23.69	28.07	32.46	26.4	26.68	31.22	24.48	24.76	19.78	19.54	17.31	18.46	17.57
HCl	15	ppm	12	1	4.44	5.51	4.84	5.93	3.95	6.39	4.72	3.65	5.61	10.71	1.77	1.07	0.63	0.85	2.52	2.2
CO	50	ppm	12	1	0.71	0.64	6.38	0.56	0.54	0.45	0.85	0.66	1.46	1.29	0.8	0.82	0.41	0.57	0.42	0.38
O_2		%	0	0.1	10.12	7.6	6.82	7.06	7.31	7.44	8.41	7.49	11.24	8.84	8.29	8.46	7.51	8.6	7.85	7.73
FL1		Sm³	12	10	12,270.1	14,047.1	15,151.2	14,917.4	14,474.3	14,154.9	13,266.5	14,223.8	11,432.2	12,459.5	13,014.7	12,608.5	13,396.6	12,919.5	13,609	13,249.3
TMP		℃	0	1	181.19	180.94	180.85	181.5	181.84	181.54	181.32	180.39	179.65	178.73	178.09	177.33	177.09	178.67	180.3	180.45
TM1		℃	0	1	1,040.97	1,053.33	1,064.43	1,054.22	1,064.07	1,067.23	1,020.73	1,053.91	996.83	1,001.55	1,003.35	1,009.26	1,061.87	1,027.09	1,043.49	1,043.49
TM3		℃	0	1	36.24	36.23	36.21	36.21	36.21	36.21	36.21	36.22	36.21	36.21	36.21	36.22	36.22	36.23	36.24	36.25