11월 11일 굴뚝별 트랜드

					11-11 00:00	11-11 00:30	11-11 01:00	11-11 01:30	11-11 02:00	11-11 02:30	11-11 03:00	11-11 03:30	11-11 04:00	11-11 04:30	11-11 05:00	11-11 05:30	11-11 06:00	11-11 06:30	11-11 07:00	11-11 07:30
TSP	20	mg/Sm³	12	1	0.4	0.32	0.32	0.33	0.33	0.35	0.35	0.33	0.4	0.34	0.33	0.32	0.33	0.33	0.31	0.36
SOx	30	ppm	12	1	0.06	0.02	0	0	0	0.39	0	0.34	5.29	0.52	2.83	0.07	0	0.32	0.73	0
NOx	70	ppm	12	1	23.18	16.25	18.61	19.57	16.43	23.67	27.91	17.21	23.31	11.47	14.76	18.04	23.91	20.51	22.25	22.09
HCl	15	ppm	12	1	5.05	3.49	3.77	3.25	2.85	5.14	4.04	2.07	2.74	4.45	5.36	2.53	1.5	1.82	2.47	4.09
CO	50	ppm	12	1	0.52	0.71	0.34	0.34	0.36	0.49	0.5	0.5	1.46	0.7	0.81	0.4	0.12	1.01	0.56	0.75
O_2		%	0	0.1	9.55	7.27	7.12	7.33	7.41	7.56	7.44	6.92	9.14	7.66	7.05	6.54	6.84	7.06	6.21	8.31
FL1		Sm³	12	10	11,259.7	13,602.5	13,588.7	13,380.8	13,421.4	14,465.2	14,658.5	14,478.2	12,509.5	13,636.5	14,431.8	14,361.6	14,311.3	14,421.1	15,555.1	13,139.4
TMP		℃	0	1	182.78	183.27	183.37	183.17	183.25	184.07	185.41	184.24	183.33	183.77	184.8	184.14	182.87	182.74	183.76	184.41
TM1		℃	0	1	1,065.18	1,044.86	1,063.09	1,061.89	1,050.23	1,045.09	1,035.35	1,039.93	1,071.5	1,026.8	1,048.23	1,067.99	1,084.81	1,053.45	1,068.75	1,010.88
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.31	36.31	36.29	36.28	36.28	36.28	36.28	36.28	36.28

					11-11 08:00	11-11 08:30	11-11 09:00	11-11 09:30	11-11 10:00	11-11 10:30	11-11 11:00	11-11 11:30	11-11 12:00	11-11 12:30	11-11 13:00	11-11 13:30	11-11 14:00	11-11 14:30	11-11 15:00	11-11 15:30
TSP	20	mg/Sm³	12	1	0.44	0.33	0.32	0.32	0.35	0.31	0.35	0.3	0.42	0.35	0.31	0.33	0.33	0.31	0.34	0.32
SOx	30	ppm	12	1	0	0.26	7.27	8.78	0.14	1.05	0	0	0	0	0.21	2.43	0	0	0	0
NOx	70	ppm	12	1	25.48	20.34	24.33	26.37	23.7	29.04	23.01	28.16	26.48	18.16	25.54	23.35	23.63	23.48	19.11	19.54
HCl	15	ppm	12	1	3.53	2	4.12	6.49	3.82	2.91	2.54	1.56	1.51	1.28	3.23	10.64	3.56	2.54	3.78	2.64
CO	50	ppm	12	1	1.19	0.49	0.21	3.21	1.01	5.63	0.54	0.38	0.67	0.68	0.63	0.9	0.91	0.74	0.8	0.6
O_2		%	0	0.1	10.92	7.18	6.67	6.79	8.03	6.02	7.82	6.16	9.99	7.64	6.72	7.32	7.33	6.58	7.42	7.14
FL1		Sm³	12	10	10,910.1	13,904.9	14,400.8	14,593.6	13,272.7	16,181.2	13,656.9	15,488.2	11,912	13,635.9	15,032.6	14,149.2	14,229.9	15,033.5	14,026	14,322.1
TMP		℃	0	1	184.37	183.1	182.55	183.22	182.88	183.89	183.69	183.9	183.85	183.94	183.53	184.25	183.62	184.34	186.83	184.71
TM1		℃	0	1	988.54	1,032.19	1,095.13	1,085.61	1,026.89	1,101.22	1,033.93	1,080.61	1,028.57	1,034.5	1,042.05	1,039.77	1,003.94	1,044.89	1,029.17	1,042.11
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					11-11 16:00	11-11 16:30	11-11 17:00	11-11 17:30	11-11 18:00	11-11 18:30	11-11 19:00	11-11 19:30	11-11 20:00	11-11 20:30	11-11 21:00	11-11 21:30	11-11 22:00	11-11 22:30	11-11 23:00	11-11 23:30
TSP	20	mg/Sm³	12	1	0.4	0.31	0.29	0.3	0.35	0.31	0.33	0.34	0.43	0.36	0.36	0.37	0.32	0.37	0.34	0.37
SOx	30	ppm	12	1	0	1.13	6.27	0	0	0.43	0	0	0	0.1	0.64	11.39	3.05	0	0	0
NOx	70	ppm	12	1	25.99	24.33	24.88	25.47	17.93	26.78	23.52	18.7	34.66	21.11	17.2	22.62	31.4	25.67	27.3	19
HCl	15	ppm	12	1	2.03	1.85	5.58	4.11	2.94	2.18	3.57	2.26	2.94	1.97	2.53	12.61	6.39	6.15	4.59	2.65
CO	50	ppm	12	1	0.83	1.36	18.58	0.44	1.23	0.41	0.44	1.18	0.64	5.97	12.07	1.76	0.55	1	0.59	1.42
O_2		%	0	0.1	9.61	6.89	5.82	6.39	7.67	5.81	7.11	7.42	9.79	7.97	7.79	7.85	6.49	8.45	7.4	8.46
FL1		Sm³	12	10	11,800.7	14,660.4	15,742.2	15,114.1	13,481.4	15,695.5	14,192.2	14,028.6	11,401.5	13,814.3	14,014.8	13,851	15,695.3	13,274.9	14,360.7	13,375.2
TMP		℃	0	1	183.1	182.53	183.19	184.34	183.76	183.5	183.34	183.03	183.4	183.22	183.56	183.57	182.69	182.31	182.3	182.06
TM1		℃	0	1	1,033.73	1,033.49	1,100.72	1,073.73	1,026.6	1,104.09	1,061.52	1,028.73	1,075.73	996.37	1,011.05	1,031.73	1,054.29	1,005.11	1,047.62	961.91
TM3		℃	0	1	36.28	36.28	36.3	36.29	36.29	36.29	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

11월 12일 굴뚝별 트랜드

					11-12 00:00	11-12 00:30	11-12 01:00	11-12 01:30	11-12 02:00	11-12 02:30	11-12 03:00	11-12 03:30	11-12 04:00	11-12 04:30	11-12 05:00	11-12 05:30	11-12 06:00	11-12 06:30	11-12 07:00	11-12 07:30
TSP	20	mg/S m³	12	1	0.44	0.36	0.37	0.39	0.35	0.31	0.33	0.35	0.43	0.33	0.35	0.34	0.35	0.34	0.39	0.36
SOx	30	ppm	12	1	0	3.68	5.56	0	0	0.79	0	0	3.63	0.8	0	0	0	0	0	0
NOx	70	ppm	12	1	26.02	21.78	19.77	19.61	20.43	21.73	20.58	19.17	36.18	25.23	22.94	23.72	21.92	21.98	17.91	13.76
HCl	15	ppm	12	1	3.41	3.58	9.86	5.79	3.39	4.99	2.74	2.25	5.53	5.97	4.44	2.93	2.43	1.81	2.09	2.66
CO	50	ppm	12	1	1.02	1.05	1.21	1.48	1.46	0.51	0.53	0.74	0.59	0.56	0.48	0.45	0.63	0.63	1.28	0.94
O_2		%	0	0.1	10.15	7.64	8.08	8.71	7.59	5.49	6.6	7.47	9.25	6.64	7.5	7.1	7.66	7.08	8.5	7.64
FL1		Sm³	12	10	11,836.3	14,157.4	13,621.9	13,084.6	14,594.4	16,411.8	14,841.7	13,989.9	12,200.6	15,045.5	14,118.2	14,508.3	13,853.7	14,550.4	12,779.5	13,769.3
TMP		℃	0	1	182.27	181.56	181.35	181.3	181.67	182.55	181.45	181.13	181.3	180.87	180.92	180.9	180.35	179.81	179.55	178.77
TM1		℃	0	1	1,021.34	1,003.38	1,018.45	965.13	978.62	1,077.03	1,049.5	1,039.25	1,053.98	1,061.75	1,034.48	1,045.33	1,018.21	1,027.71	967.07	1,008.87
TM3		℃	0	1	36.28	36.28	36.28	36.29	36.29	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					11-12 08:00	11-12 08:30	11-12 09:00	11-12 09:30	11-12 10:00	11-12 10:30	11-12 11:00	11-12 11:30	11-12 12:00	11-12 12:30	11-12 13:00	11-12 13:30	11-12 14:00	11-12 14:30	11-12 15:00	11-12 15:30
TSP	20	mg/S m³	12	1	0.44	0.34	0.35	0.34	0.37	0.35	0.4	0.33	0.42	0.31	0.34	0.31	0.3	0.31	0.3	0.31
SOx	30	ppm	12	1	2	3.5	0	0	0	0.13	0	1.52	0	14.41	0	0	0	0	0	2.06
NOx	70	ppm	12	1	21.11	17.21	15.84	18.05	13.67	13.32	11.72	16.33	17.1	15.05	13.96	15.69	20.87	18.94	19.73	19
HCl	15	ppm	12	1	5.2	7.43	2.42	1.82	3.14	3.78	5.22	7.16	11.11	14.51	4.48	2.02	1.66	2.17	2.59	3.32
CO	50	ppm	12	1	0.89	0.5	0.66	0.55	0.91	0.85	1.64	0.62	1.14	0.46	0.86	0.34	0.72	0.41	5.17	21.73
O_2		%	0	0.1	10.37	7.11	7.75	7.28	8.03	7.18	9.15	7.02	10.81	6.64	7.57	6.58	6.04	6.48	5.98	6.48
FL1		Sm³	12	10	11,946.8	14,436.4	13,627.4	14,300.9	13,599.9	14,433.2	12,258.3	14,783.8	11,547.4	14,784.2	13,218.2	13,808.3	15,214.3	14,909	15,398.4	14,699.9
TMP		℃	0	1	179.1	179.18	179.31	179.4	180.55	181.1	180.23	180.37	180.39	181.04	179.97	178.91	180.29	181.02	182.06	182.12
TM1		℃	0	1	1,000.66	1,048.23	1,024.54	1,032.02	1,005.17	1,001.45	955.14	1,018.28	988.22	1,047.45	1,015.79	1,064.8	1,070.86	1,072.89	1,092.78	1,077.83
TM3		℃	0	1	36.32	36.32	36.32	36.31	36.3	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.29

					11-12 16:00	11-12 16:30	11-12 17:00	11-12 17:30	11-12 18:00	11-12 18:30	11-12 19:00	11-12 19:30	11-12 20:00	11-12 20:30	11-12 21:00	11-12 21:30	11-12 22:00	11-12 22:30	11-12 23:00	11-12 23:30
TSP	20	mg/S m³	12	1	0.41	0.27	0.31	0.3	0.31	0.31	0.31	0.35	0.39	0.35	0.31	0.31	0.35	0.34	0.31	0.34
SOx	30	ppm	12	1	0.05	4.29	0	0.02	0	0	0	0.57	7.47	0.43	3.4	0.83	0.09	0	8.15	2.48
NOx	70	ppm	12	1	18.25	33.52	22.05	26.21	20.02	22.14	23.41	15.18	26.49	11.62	16.7	20.44	14.08	16.8	16.22	22.76
HCl	15	ppm	12	1	4.19	4.63	3.85	2.12	3.7	3.03	2.64	2.72	4.89	3.69	5.08	4.77	3.34	2.61	3.47	4.59
CO	50	ppm	12	1	0.95	4.41	0.39	1.1	0.33	0.67	0.41	1.23	24.52	13.85	25.32	11.43	22.61	0.82	30.29	4.51
O_2		%	0	0.1	10.58	4.88	6.59	5.56	6.59	6.48	6.29	7.58	8.21	7.62	6.06	6.24	7.27	7.46	5.81	7.12
FL1		Sm³	12	10	11,676.3	17,113.9	14,655.1	15,979.4	14,877.2	14,972.1	15,133.2	13,759.7	13,173.1	13,874.2	15,727.7	15,296.6	13,860.3	13,810.9	15,707.8	14,288.9
TMP		℃	0	1	182.11	183.1	182.99	182.48	182.65	182.86	182.71	181.97	181.13	181.29	181.53	182.44	181.8	181.21	181.38	181.8
TM1		℃	0	1	1,035.88	1,119.85	1,082.93	1,101.37	1,066.81	1,060.86	1,061.04	1,002.19	1,074.21	1,007.34	1,092.53	1,091.51	1,041.63	1,050.53	1,067.29	1,068.71
TM3		℃	0	1	36.29	36.31	36.31	36.32	36.32	36.32	36.31	36.3	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

11월 13일 굴뚝별 트랜드

					11-13 00:00	11-13 00:30	11-13 01:00	11-13 01:30	11-13 02:00	11-13 02:30	11-13 03:00	11-13 03:30	11-13 04:00	11-13 04:30	11-13 05:00	11-13 05:30	11-13 06:00	11-13 06:30	11-13 07:00	11-13 07:30
TSP	20	mg/Sm³	12	1	0.41	0.3	0.32	0.36	0.35	0.34	0.35	0.35	0.4	0.33	0.37	0.33	0.36	0.36	0.33	0.34
SOx	30	ppm	12	1	0.16	1.72	0.11	0	1.43	3.12	0.32	0	2.94	0	0.27	10.85	0.16	0.23	0	0.7
NOx	70	ppm	12	1	36.96	32.51	29.63	20.7	20.7	25.46	21.64	20.33	21.33	17.96	18.61	20.87	20.67	12.91	20.82	17.01
HCl	15	ppm	12	1	3.72	3.07	3.56	2.44	3.8	9.55	6.91	6.33	6.49	2.91	2.28	9.41	8.29	6.41	2.28	2.56
CO	50	ppm	12	1	0.48	3.45	0.15	0.36	0.55	0.44	0.57	0.92	40.04	0.86	0.96	1.59	0.79	0.75	0.39	6.59
O_2		%	0	0.1	8.96	5.73	6.55	7.6	7.59	6.91	7.37	7.74	8.08	6.71	7.99	6.9	7.81	7.65	6.72	6.9
FL1		Sm³	12	10	12,353.8	15,676.4	14,721.6	13,605.4	13,756.4	14,740.3	14,145	13,852.3	13,263.9	14,725.8	13,649	15,785.2	14,717.1	13,851.9	14,761	14,671
TMP		℃	0	1	181.56	181.63	181.94	181.35	180.56	180.85	181.4	181.46	181.4	180.64	180.5	181.67	182.78	182.45	180.45	180.19
TM1		℃	0	1	1,074.9	1,133.75	1,111.47	1,048.21	1,027.59	1,048.61	1,042.44	1,012.48	1,037.35	1,035.11	996.39	1,039.85	997.64	997.96	1,034.8	1,062.52
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.29	36.29	36.3	36.31	36.3	36.3	36.31	36.31

					11-13 08:00	11-13 08:30	11-13 09:00	11-13 09:30	11-13 10:00	11-13 10:30	11-13 11:00	11-13 11:30	11-13 12:00	11-13 12:30	11-13 13:00	11-13 13:30	11-13 14:00	11-13 14:30	11-13 15:00	11-13 15:30
TSP	20	mg/Sm³	12	1	0.41	0.35	0.33	0.32	0.34	0.29	0.3	0.28	0.39	0.31	0.32	0.31	0.3	0.29	0.33	0.27
SOx	30	ppm	12	1	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0.99
NOx	70	ppm	12	1	28.84	17.45	20.33	20.21	17.41	15.96	15.98	20.15	22.85	18.39	16.97	14.56	13.15	12.55	11.09	18.44
HCl	15	ppm	12	1	2.75	2.51	1.62	2.14	3.02	2.33	2.08	1.96	2.46	1.79	2.01	2.2	1.27	1.29	1.11	1.67
CO	50	ppm	12	1	0.59	0.66	0.36	1.97	1.11	0.4	0.38	1	0.41	0.43	0.72	0.6	0.62	1.6	1	0.23
O_2		%	0	0.1	9.05	7.55	6.84	6.36	7.38	5.75	6.05	5.25	9.01	6.29	7.14	6.59	6.75	5.92	7.86	5.61
FL1		Sm³	12	10	12,689.6	13,492.4	14,378.5	15,039	14,058.8	15,690.8	15,475.4	16,397.1	12,615.2	15,362.9	14,368.8	14,915.1	14,998.4	15,691.1	13,472.9	15,980.2
TMP		℃	0	1	181.34	180.68	179.4	179.27	179.64	179.73	181.11	182.16	182.7	182.73	182.55	182.24	182.33	182.82	182.1	181.97
TM1		℃	0	1	1,069.93	1,026.33	1,066.17	1,070.27	1,002.38	1,052.45	1,055.39	1,084.15	1,064.39	1,060.99	1,025.21	1,049.35	1,019.54	1,069.19	988.91	1,100.5
TM3		℃	0	1	36.31	36.32	36.31	36.28	36.28	36.28	36.28	36.28	36.28	36.29	36.3	36.31	36.32	36.32	36.32	36.32

					11-13 16:00	11-13 16:30	11-13 17:00	11-13 17:30	11-13 18:00	11-13 18:30	11-13 19:00	11-13 19:30	11-13 20:00	11-13 20:30	11-13 21:00	11-13 21:30	11-13 22:00	11-13 22:30	11-13 23:00	11-13 23:30
TSP	20	mg/Sm³	12	1	0.38	0.32	0.29	0.33	0.31	0.33	0.35	0.39	0.4	0.34	0.32	0.31	0.3	0.39	0.35	0.31
SOx	30	ppm	12	1	0.33	0	0.68	0.03	1.57	0	0	0	6.23	0.15	0	0	0	0	0	3.22
NOx	70	ppm	12	1	23.19	17.63	25.39	23.15	20.85	17.85	18.42	17.75	18.46	7.01	9.73	11.09	17.39	11.01	9.47	10.03
HCl	15	ppm	12	1	3.58	2.95	2.51	5.01	5.1	2.85	2.71	2.44	3.75	3.37	2.91	2.88	2.55	2.93	1.22	4.25
CO	50	ppm	12	1	0.42	0.55	0.49	0.67	1.01	12.43	1.01	1.34	25.09	1.12	0.55	0.53	0.42	1.36	1.54	0.71
O_2		%	0	0.1	9.12	7.34	6.13	7.59	6.53	7.22	8.03	8.98	8.66	7.71	6.82	6.2	5.74	8.75	8.15	6.46
FL1		Sm³	12	10	12,893.2	14,301.2	15,694	14,060.5	15,192.3	14,583.5	13,570.8	12,495	13,083.7	13,813.7	14,804.1	15,767.9	16,387.2	12,692.9	13,889.4	15,603.3
TMP		℃	0	1	183.36	183.7	183.1	183	183.18	182.95	182.78	182.55	181.65	182.26	182.75	183.52	184.13	183.62	180.98	181.08
TM1		℃	0	1	1,079.85	1,061.16	1,082.72	1,053.87	1,083.95	1,029.11	1,010.69	974.53	1,008.83	991.41	1,037.45	1,048.09	1,065.49	980.27	960.78	1,028.29
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