9월 6일 굴뚝별 트랜드

					09-06 00:00	09-06 00:30	09-06 01:00	09-06 01:30	09-06 02:00	09-06 02:30	09-06 03:00	09-06 03:30	09-06 04:00	09-06 04:30	09-06 05:00	09-06 05:30	09-06 06:00	09-06 06:30	09-06 07:00	09-06 07:30
TSP	20	mg/Sm³	12	1	0.39	0.29	0.31	0.27	0.29	0.31	0.28	0.32	0.4	0.27	0.28	0.31	0.31	0.3	0.27	0.32
SOx	30	ppm	12	1	0.02	0	0	0.62	0.11	0	0.38	0	0	0	0.14	0	0	0	0.21	0
NOx	70	ppm	12	1	24.33	18.34	16.03	17.68	16.02	12.48	16.35	15.89	14.61	10.42	10.07	12.81	16.42	16.93	17.5	11.62
HCl	15	ppm	12	1	6.78	4.3	4.61	4.55	6.4	6.45	6.12	7.62	6.35	3.96	3.69	4.07	5.17	5.19	5.68	6.33
CO	50	ppm	12	1	48.74	0.46	0.87	36.22	0.38	0.46	14.74	0.52	0.87	23.19	52.3	0.47	0.34	0.42	3.01	0.47
O_2		%	0	0.1	8.61	6.45	7.44	4.89	6.5	7.08	5.56	7.5	10.22	4.94	5.33	6.89	6.9	6.63	5.19	7.58
FL1		Sm³	12	10	11,595.7	14,433.8	13,344.2	16,453.7	14,504.5	13,970.5	15,700.8	13,638.5	11,749.6	16,743.8	15,917.3	14,189.8	13,696.1	14,661.9	16,124	13,808.8
TMP		℃	0	1	186.02	185.41	184.59	184.67	185.63	186.36	186.58	187.08	185.99	184.98	185.25	184.88	185.3	185.99	186.64	186.77
TM1		℃	0	1	1,105.51	1,076.73	1,019.64	1,119.71	1,074.11	1,028.75	1,099.11	1,023.77	979.85	1,094.31	1,100.89	1,058.45	1,099.25	1,083.43	1,124.88	1,022.16
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					09-06 08:00	09-06 08:30	09-06 09:00	09-06 09:30	09-06 10:00	09-06 10:30	09-06 11:00	09-06 11:30	09-06 12:00	09-06 12:30	09-06 13:00	09-06 13:30	09-06 14:00	09-06 14:30	09-06 15:00	09-06 15:30
TSP	20	mg/Sm³	12	1	0.38	0.29	0.29	0.29	0.29	0.31	0.32	0.31	0.4	0.34	0.32	0.33	0.32	0.32	0.3	0.3
SOx	30	ppm	12	1	0	0	0	0	0.33	0.1	0.1	0	0.04	0	0.47	0	0	0	0	1.7
NOx	70	ppm	12	1	20.03	8.91	8.14	7.61	15.14	17.23	20.87	28.82	34.96	27.46	22.69	20.99	18.02	13.82	19.03	22.59
HCl	15	ppm	12	1	7.49	5.83	4.91	5.36	4.99	6.7	5.68	5.88	6.51	5.39	7.99	5.66	5.04	4.41	4.03	6.12
CO	50	ppm	12	1	0.87	0.53	0.43	1.2	0.28	0.31	0.36	0.27	0.35	0.34	0.33	0.71	0.33	1.46	0.35	0.78
O_2		%	0	0.1	9.39	6.14	6.3	5.93	6.1	6.86	7.04	7	9.25	7.89	6.89	6.91	6.58	6.4	5.61	5.9
FL1		Sm³	12	10	12,326.4	14,381.1	14,468.1	14,520.9	14,943.9	14,220.7	14,098	14,231.5	12,221.6	13,032.3	14,226.6	14,335.1	13,465.5	13,782.1	14,666.8	14,177.9
TMP		℃	0	1	187.45	186.54	186.02	185.94	185.33	186.31	186.26	186.35	186.18	185.56	186.17	186.26	184.97	184.57	184.36	184.61
TM1		℃	0	1	1,032.57	1,050.19	1,046.66	1,056.43	1,099.41	1,079.83	1,088.52	1,103.25	1,113.18	1,085.38	1,083.34	1,059.71	1,094.22	1,080.1	1,117.07	1,128.87
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					09-06 16:00	09-06 16:30	09-06 17:00	09-06 17:30	09-06 18:00	09-06 18:30	09-06 19:00	09-06 19:30	09-06 20:00	09-06 20:30	09-06 21:00	09-06 21:30	09-06 22:00	09-06 22:30	09-06 23:00	09-06 23:30
TSP	20	mg/Sm³	12	1	0.38	0.31	0.33	0.34	0.3	0.31	0.34	0.29	0.38	0.31	0.3	0.3	0.3	0.33	0.31	0.33
SOx	30	ppm	12	1	1.5	0.31	0	0	0.21	0	0	0	0.08	0.14	0.01	0.07	0	0	0.02	0
NOx	70	ppm	12	1	29.9	19.92	22.65	22.56	26.6	16.88	16.3	16.69	14.8	10.73	21.84	20.82	20.16	17.44	19.63	19.43
HCl	15	ppm	12	1	8.82	5.04	4.26	5.08	5.86	5.52	3.86	4.94	7.69	6.33	5.5	5.87	5.04	6.32	6.1	5.98
CO	50	ppm	12	1	9.24	15.94	0.86	0.68	0.21	0.42	0.77	0.93	1.28	0.39	0.18	0.2	0.19	0.35	0.22	0.35
O_2		%	0	0.1	7.99	6.21	7.03	7.72	6.58	6.97	8.31	6.62	9.28	7	6.71	7.12	7	8.12	6.93	8.12
FL1		Sm³	12	10	12,267	14,020.3	13,072.7	12,744.9	14,454.6	13,264.2	12,813.8	15,095.6	12,140.2	13,119.8	14,260.4	13,691	13,888.4	12,627.2	13,815.1	12,739.1
TMP		℃	0	1	185.14	184.88	183.83	184.19	185.37	185.17	183.65	180.71	184.56	185.02	184.6	185.1	185.31	185.07	185.07	184.94
TM1		℃	0	1	1,144.22	1,119.81	1,094.01	1,052.17	1,120.31	1,065.51	989.41	1,034.94	1,052.48	1,081.06	1,110.31	1,104.3	1,088.65	1,044.41	1,105.76	1,047.52
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

9월 7일 굴뚝별 트랜드

					09-07 00:00	09-07 00:30	09-07 01:00	09-07 01:30	09-07 02:00	09-07 02:30	09-07 03:00	09-07 03:30	09-07 04:00	09-07 04:30	09-07 05:00	09-07 05:30	09-07 06:00	09-07 06:30	09-07 07:00	09-07 07:30
TSP	20	mg/Sm³	12	1	0.4	0.3	0.3	0.3	0.31	0.31	0.28	0.33	0.38	0.28	0.29	0.3	0.31	0.31	0.31	0.28
SOx	30	ppm	12	1	0	1.29	0.58	0.12	0	0.17	0.31	0.01	3.83	1.48	0.88	0.36	0.16	0	0	0.07
NOx	70	ppm	12	1	22.55	21.29	18.93	20.75	20.24	22.79	21.29	15.73	28	23.99	21.48	22.4	21.21	21.35	19.89	20.19
HCl	15	ppm	12	1	8.32	6.73	8.8	8.41	7.41	6.66	5.72	6.77	9.45	8.01	7.98	7.84	7.91	6.17	5.07	5.28
CO	50	ppm	12	1	0.54	0.36	0.32	0.33	0.27	0.34	0.25	0.6	0.6	0.37	0.4	0.19	0.23	0.26	0.34	0.25
O_2		%	0	0.1	10.05	6.45	6.84	6.72	7.2	7.04	6.01	8.2	8.55	5.9	6.64	6.7	7.29	7.09	7.2	6.01
FL1		Sm³	12	10	10,763	14,716.9	14,000.7	14,277.9	13,616.6	13,902.9	15,138.5	12,756.5	12,256.8	15,253.7	14,374.2	14,277.1	13,572.4	13,882.8	13,947.9	15,149.9
TMP		℃	0	1	184.64	185.57	186.32	186.09	185.68	185.57	185.4	185.5	185.43	186.18	186.36	186.64	186.67	186.64	186.04	185.86
TM1		℃	0	1	1,061.16	1,088.81	1,093.12	1,090.3	1,085.59	1,095.59	1,116.55	1,022.05	1,101.55	1,118.65	1,098.45	1,111.73	1,087.92	1,080.83	1,073.01	1,104.4
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					09-07 08:00	09-07 08:30	09-07 09:00	09-07 09:30	09-07 10:00	09-07 10:30	09-07 11:00	09-07 11:30	09-07 12:00	09-07 12:30	09-07 13:00	09-07 13:30	09-07 14:00	09-07 14:30	09-07 15:00	09-07 15:30
TSP	20	mg/Sm³	12	1	0.4	0.3	0.31	0.27	0.31	0.29	0.28	0.3	0.4	0.32	0.33	0.31	0.3	0.35	0.31	0.31
SOx	30	ppm	12	1	0	0	0	0	0	0	0.29	0.08	0.35	0	0	0	0	0	0.44	0
NOx	70	ppm	12	1	18.93	10.03	7.04	9.28	7.5	15.17	17.75	18.5	18.94	16.82	15.56	18.22	19.4	14.42	17.22	16.63
HCl	15	ppm	12	1	6.22	4.17	2.83	3.82	4.67	3.7	5.1	4.66	7.76	8.07	8.51	6.88	5.31	5.57	7.36	9.93
CO	50	ppm	12	1	0.62	0.5	3.15	0.72	0.67	1.16	0.34	0.37	0.45	0.61	0.71	0.58	0.45	0.79	0.51	0.5
O_2		%	0	0.1	10.22	6.79	6.87	5.57	6.48	6.12	6.04	6.88	10.03	7.54	8.11	7.03	6.76	8.36	6.79	6.3
FL1		Sm³	12	10	11,201.9	14,308.3	13,793.4	15,188.3	13,302.2	14,161.2	14,397	13,438.8	10,201.6	12,889.9	12,893.3	14,032.7	14,047.8	12,364.1	14,183.3	14,319.2
TMP		℃	0	1	186.02	185.33	184.12	184.53	184.58	184.28	184.73	184.65	184.53	184.49	184.05	184.47	184.85	184.56	184.45	185.65
TM1		℃	0	1	1,016.79	1,030.74	1,028.44	1,061.69	1,050.38	1,087.17	1,104.23	1,086.44	1,070.93	1,034.79	1,026.23	1,070.35	1,081.02	1,003.21	1,025.59	1,041.01
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					09-07 16:00	09-07 16:30	09-07 17:00	09-07 17:30	09-07 18:00	09-07 18:30	09-07 19:00	09-07 19:30	09-07 20:00	09-07 20:30	09-07 21:00	09-07 21:30	09-07 22:00	09-07 22:30	09-07 23:00	09-07 23:30
TSP	20	mg/Sm³	12	1	0.38	0.29	0.29	0.28	0.31	0.27	0.29	0.31	0.38	0.31	0.28	0.33	0.31	0.33	0.31	0.33
SOx	30	ppm	12	1	0	0	0	0.15	0	0.03	0.1	0.07	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	18.49	15.75	15.69	17.01	7.35	7.89	10.17	12.71	20.97	16.4	17.82	10.66	15.99	14.53	18.01	16.34
HCl	15	ppm	12	1	9.33	6.45	6.94	6.48	6.48	4.85	5.35	5.48	6.18	4.75	4.8	5.65	5.75	5.64	5.53	6.46
CO	50	ppm	12	1	2.02	0.61	6.62	1.51	0.4	7.47	20.9	4.05	7.81	0.35	0.23	0.46	0.39	0.34	0.19	0.34
O_2		%	0	0.1	7.45	5.39	5.6	5.31	6.58	4.84	5.49	6.97	9.07	7.03	6.08	8.13	7.27	7.66	6.69	7.68
FL1		Sm³	12	10	12,867.5	15,431	14,984.7	15,293.4	13,922.1	16,119.8	15,116.6	13,629.4	11,407.3	13,552.3	14,701	12,473.5	13,832.3	13,344.2	14,496	13,330.8
TMP		℃	0	1	186.01	185.98	185.9	185.66	185.39	185.32	185.23	184.95	184	182.81	182.66	183.47	183.02	183.17	183.64	184.35
TM1		℃	0	1	1,094.93	1,084.81	1,085.32	1,107.57	1,046.29	1,098.76	1,089.77	1,073.36	1,100.83	1,076.98	1,106.13	1,031.18	1,063.75	1,039.51	1,083.79	1,044.99
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

9월 8일 굴뚝별 트랜드

					09-08 00:00	09-08 00:30	09-08 01:00	09-08 01:30	09-08 02:00	09-08 02:30	09-08 03:00	09-08 03:30	09-08 04:00	09-08 04:30	09-08 05:00	09-08 05:30	09-08 06:00	09-08 06:30	09-08 07:00	09-08 07:30
TSP	20	mg/Sm³	12	1	0.39	0.34	0.31	0.31	0.29	0.32	0.28	0.29	0.41	0.34	0.31	0.33	0.33	0.29	0.32	0.3
SOx	30	ppm	12	1	1.75	0	0	0.03	0.25	0	0.58	0.01	1.07	0	0	0	0	2.43	0	0.02
NOx	70	ppm	12	1	24.71	18.65	19.66	20.55	19.7	13.54	17.67	16.98	20.49	13.5	15.85	13.86	14.86	15.45	15.96	21.44
HCl	15	ppm	12	1	12.77	7.96	6.42	6.74	7.94	7.37	5.78	7.53	11.91	5.98	4.33	4.07	4.39	6.27	5.91	5.71
CO	50	ppm	12	1	0.25	0.31	0.25	0.25	0.24	0.59	0.84	0.23	0.64	0.69	0.28	0.34	0.39	25.16	0.54	0.27
O_2		%	0	0.1	9.57	8.22	7.21	6.87	5.92	7.39	5.75	6.24	9.93	7.73	6.57	7.69	7.77	5.85	7.57	6.29
FL1		Sm³	12	10	11,046.9	12,664.1	13,834.7	14,398.7	15,762	13,586.9	15,643	14,899.7	10,852.3	12,863.9	13,944.6	12,635.5	12,747.3	15,497.7	13,913	15,134.1
TMP		℃	0	1	184.73	184.65	184.46	184.81	185.76	185.85	185.76	185.97	186.25	185.16	183.3	182.67	183.12	184.62	185.48	185.5
TM1		℃	0	1	1,107.56	1,047.65	1,073.35	1,074.49	1,103.41	1,039.63	1,090.53	1,111.67	1,072.19	1,014.87	1,065.37	1,045.87	1,040.53	1,078.49	1,036.7	1,115.11
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					09-08 08:00	09-08 08:30	09-08 09:00	09-08 09:30	09-08 10:00	09-08 10:30	09-08 11:00	09-08 11:30	09-08 12:00	09-08 12:30	09-08 13:00	09-08 13:30	09-08 14:00	09-08 14:30	09-08 15:00	09-08 15:30
TSP	20	mg/Sm³	12	1	0.39	0.31	0.32	0.29	0.32	0.29	0.33	0.31	0.42	0.31	0.34	0.31	0.33	0.32	0.29	0.36
SOx	30	ppm	12	1	0	0	0	0.03	0.3	0	0.01	0.22	0	0	0	0	0	0	1.8	0
NOx	70	ppm	12	1	19.38	14.31	13.33	16.06	14.8	18.23	15.89	14.35	18.65	14.97	12.94	16.3	12.83	13.32	16.81	13.77
HCl	15	ppm	12	1	10.66	6.28	5.42	7.02	7.78	5.04	5.98	6.54	6.81	5.25	5.17	4.61	5.7	5.55	8.35	6.24
CO	50	ppm	12	1	0.53	0.34	0.44	0.41	0.41	0.22	0.38	0.3	0.37	0.3	0.35	0.22	0.25	0.26	0.77	0.61
O_2		%	0	0.1	10.17	7.29	7.5	6.24	7.3	5.98	7.38	6.67	9.9	6.61	7.58	6.63	7	7.01	5.78	8.43
FL1		Sm³	12	10	11,553.7	13,996.2	13,504.4	14,742.3	13,871.9	15,479.8	13,924.8	14,554.2	11,216	14,895	13,510.3	14,822.1	14,239.9	14,318.4	15,844.4	12,507.8
TMP		℃	0	1	186.16	185.83	185.29	185.2	186.55	186.14	186.28	186.47	186.1	186.53	186.56	186.62	187.16	187.42	188.08	187.21
TM1		℃	0	1	1,030.16	1,036.41	1,015.48	1,075.83	1,040.01	1,099.7	1,050.48	1,071.48	1,040.11	1,048.42	1,016.56	1,055.4	1,032.51	1,040.69	1,089.81	991.61
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					09-08 16:00	09-08 16:30	09-08 17:00	09-08 17:30	09-08 18:00	09-08 18:30	09-08 19:00	09-08 19:30	09-08 20:00	09-08 20:30	09-08 21:00	09-08 21:30	09-08 22:00	09-08 22:30	09-08 23:00	09-08 23:30
TSP	20	mg/Sm³	12	1	0.4	0.32	0.32	0.31	0.31	0.33	0.33	0.33	0.4	0.31	0.32	0.33	0.33	0.29	0.29	0.27
SOx	30	ppm	12	1	0	0	0	0.85	0.2	0	0	0.03	0.39	0.16	0	0	0	0	0.04	1.03
NOx	70	ppm	12	1	19.77	14.82	14.37	14.25	15.76	12.84	14.56	12.7	20.5	14.15	9.02	7.47	13.39	15.27	11.67	13.86
HCl	15	ppm	12	1	5.3	4.67	5.21	4.95	7.34	7.14	8.33	6.48	8.46	7.7	6.67	4.52	3.33	3.75	4.31	4.64
CO	50	ppm	12	1	0.43	0.38	0.31	7.07	1.89	0.82	0.45	0.54	1.77	0.28	0.41	0.49	0.36	0.2	0.21	13.2
O_2		%	0	0.1	9.15	6.98	7.09	6.47	6.61	7.45	6.93	7.44	9.73	6.89	6.9	7.63	7.85	6.38	6.52	5.58
FL1		Sm³	12	10	12,041.4	14,326.9	14,153.4	15,015.8	14,762.3	13,843.3	14,386	13,506.2	11,787.4	14,188.7	13,364.5	12,838.6	13,633.8	14,482.1	14,930.8	15,787.6
TMP		℃	0	1	186.03	186.31	186.87	187.03	187.85	188.12	188.6	187.81	186.46	186.26	186.76	184.69	183.42	183.57	185.54	186.42
TM1		℃	0	1	1,059.97	1,042.09	1,039.14	1,058.84	1,072.49	1,017.1	1,043.99	1,011.81	1,045.57	1,068.07	1,039.75	1,018.4	1,017.67	1,102.97	1,068.55	1,115.87
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21