7월 5일 굴뚝별 트랜드

					07-05 00:00	07-05 00:30	07-05 01:00	07-05 01:30	07-05 02:00	07-05 02:30	07-05 03:00	07-05 03:30	07-05 04:00	07-05 04:30	07-05 05:00	07-05 05:30	07-05 06:00	07-05 06:30	07-05 07:00	07-05 07:30
TSP	20	mg/Sm³	12	1	1.16	0.92	0.97	0.87	0.86	0.91	0.85	0.91	1.16	0.94	0.93	0.85	0.96	0.85	0.88	0.86
SOx	30	ppm	12	1	0.22	0	0	1.88	1.23	1.15	5.27	0.3	2.94	0	0.2	0.36	0	1.12	0	0
NOx	70	ppm	12	1	12.57	15.24	17.21	16.12	13.18	12.57	14.85	10.88	20.02	14.57	7.07	12.55	11.4	11.47	14.86	13.71
HCl	15	ppm	12	1	4.29	3.86	4.43	3.19	4.44	4.46	3.38	5.7	6.13	3.17	3.36	2.86	5.08	3.25	3.8	3.02
CO	50	ppm	12	1	0.42	0.14	0.22	0.21	1.19	0.5	1.05	0.28	0.82	0.6	17.77	6.9	0.42	9.74	6.22	0.73
O_2		%	0	0.1	8.7	6.75	7.43	5.89	5.68	6.25	5.37	6.56	8.6	6.98	6.65	5.53	7.27	5.62	5.91	5.61
FL1		Sm³	12	10	11,571.7	13,768.1	13,236.8	15,052.7	15,148.5	15,070.3	15,833.5	14,546.9	12,294.9	14,349.9	14,506.3	15,697.8	13,643	15,638.3	15,356.5	15,580.7
TMP		℃	0	1	186.23	186.3	185.5	186.4	186.98	187.3	187.66	187.67	187.78	187.96	187.67	187.62	186.98	186.96	187.54	187.1
TM1		℃	0	1	1,093.69	1,075.58	1,051	1,083.59	1,073.47	1,037.47	1,084.13	1,032.94	1,071.97	1,020.15	1,014.85	1,074.81	1,016.34	1,083.43	1,063.85	1,085.85
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-05 08:00	07-05 08:30	07-05 09:00	07-05 09:30	07-05 10:00	07-05 10:30	07-05 11:00	07-05 11:30	07-05 12:00	07-05 12:30	07-05 13:00	07-05 13:30	07-05 14:00	07-05 14:30	07-05 15:00	07-05 15:30
TSP	20	mg/Sm³	12	1	1.21	0.88	0.86	1.43	1.13	0.85	0.89	0.85	1.19	0.86	0.81	0.81	0.82	0.8	0.82	0.91
SOx	30	ppm	12	1	0.09	0	0	19.64	9.51	0	0	0	0	0.1	0	0	0	0	0	0
NOx	70	ppm	12	1	17.27	11.43	9.32	48.68	32.9	14.8	15.11	17.63	23.79	17.72	21.05	18.86	20.37	12.12	16.41	15.62
HCl	15	ppm	12	1	4.32	1.2	0.92	1.61	8.12	0.8	1.62	2.19	2.74	1.79	2.94	3.61	3.6	2.85	3.4	3.99
CO	50	ppm	12	1	0.34	0.77	8.25	110.13	28.51	16.85	0.23	0.58	0.75	3.11	0.21	2.46	0.22	2.06	0.13	10.53
O_2		%	0	0.1	9.04	5.85	5.7	3.59	4.24	5.73	6.37	5.76	9.33	6.01	5.55	5.57	5.7	5.33	5.53	7.1
FL1		Sm³	12	10	10,945.7	14,464.1	15,041.9	9,003.41	12,291.8	15,528	14,653	15,365.8	11,379.5	15,144.2	15,409.5	15,484.5	15,114.3	14,694.2	14,414.5	12,857.2
TMP		℃	0	1	186.67	185.59	185.18	185.03	185.84	186.1	186.18	186.49	186.67	186.79	187.38	187.91	187.57	186.15	186.39	185.9
TM1		℃	0	1	1,071.95	1,056.42	1,066.13	1,088.18	1,080.44	1,082.47	1,058.13	1,087.33	1,075.2	1,068.51	1,109.95	1,106.49	1,091.47	1,097.97	1,099.64	1,040.03
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-05 16:00	07-05 16:30	07-05 17:00	07-05 17:30	07-05 18:00	07-05 18:30	07-05 19:00	07-05 19:30	07-05 20:00	07-05 20:30	07-05 21:00	07-05 21:30	07-05 22:00	07-05 22:30	07-05 23:00	07-05 23:30
TSP	20	mg/Sm³	12	1	1.06	0.83	0.87	0.86	0.9	0.82	0.87	0.85	1.18	0.91	0.93	0.94	1	0.92	0.94	0.86
SOx	30	ppm	12	1	2.02	0	0	0	0	1.16	0	0	0	0	0.14	0	0	0	0	0.13
NOx	70	ppm	12	1	11.96	13.57	18.06	18.41	12.67	11.98	10.55	9.28	10.81	7.97	8.71	9.29	6.79	10.14	5.88	9.01
HCl	15	ppm	12	1	2.33	2.38	3.28	2.63	2.98	2.86	4.6	3.28	3.84	3.26	3.45	4.35	4.45	2.76	3.08	2.83
CO	50	ppm	12	1	135.82	0.57	0.33	0.36	0.53	21.61	0.45	0.58	0.4	0.4	0.46	0.53	0.58	0.47	0.76	0.26
O_2		%	0	0.1	7.66	5.82	6.63	6.37	6.9	5.34	6.31	5.87	9.43	6.68	7.03	7.16	7.98	6.82	7.17	6.17
FL1		Sm³	12	10	12,200.7	14,349.7	13,678	14,605.5	14,285.1	15,915.1	14,992.7	15,660.4	11,792.7	14,237.8	13,920.7	13,857.9	12,651.1	14,252.6	13,243.8	14,587.5
TMP		℃	0	1	185.67	186.32	185.83	186.16	186.82	187.48	187.94	188.04	188.21	187.76	187.49	187.58	186.59	185.95	185.83	185.72
TM1		℃	0	1	1,125.69	1,097.77	1,073.36	1,083.55	1,026.13	1,083.83	1,038.13	1,045.51	1,028.01	1,036.33	1,014.58	1,009.39	989.49	1,035.27	1,018.03	1,068.57
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

7월 6일 굴뚝별 트랜드

					07-06 00:00	07-06 00:30	07-06 01:00	07-06 01:30	07-06 02:00	07-06 02:30	07-06 03:00	07-06 03:30	07-06 04:00	07-06 04:30	07-06 05:00	07-06 05:30	07-06 06:00	07-06 06:30	07-06 07:00	07-06 07:30
TSP	20	mg/Sm³	12	1	1.15	0.95	0.85	0.91	0.89	0.9	0.91	0.86	1.13	0.84	0.93	0.87	0.94	0.9	0.93	0.98
SOx	30	ppm	12	1	1.11	0	0	0	0.52	0	0	0.24	0	0.09	0.12	0.09	1.3	0	0	0
NOx	70	ppm	12	1	16.03	11.95	10.1	9.03	15.42	10.53	12.18	9.17	19.57	15.25	14.26	15.5	14.03	16.25	17.83	11.95
HCl	15	ppm	12	1	4.03	3.02	1.64	2.71	3.62	4.41	3.76	5.23	5.49	2.35	4.79	5.47	4.11	4.5	4.57	4.93
CO	50	ppm	12	1	0.19	0.41	0.77	0.5	0.47	0.51	0.54	4.74	0.31	0.57	0.98	0.23	3.5	0.32	0.19	0.34
O_2		%	0	0.1	9.22	7.28	5.89	6.81	6.27	6.63	6.59	6.15	9	5.88	7.06	6.33	7.07	6.79	7.24	7.73
FL1		Sm³	12	10	11,140.6	13,585.2	15,305.6	14,127.3	14,705.3	14,377.6	14,363.8	14,375	12,178.3	15,581.9	13,961.4	14,724.3	14,278.1	14,037.1	13,500.7	13,045.2
TMP		℃	0	1	186.03	186.11	186.53	186.89	186.85	186.64	186.76	186.28	186.34	187.13	187.24	187.07	187.24	185.93	186.09	186.44
TM1		℃	0	1	1,095.57	1,026.67	1,066.5	1,024.81	1,066.67	1,043.62	1,036.13	1,098.32	1,103.36	1,093.54	1,036.39	1,077.82	1,036.79	1,063.77	1,061.87	1,027.17
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-06 08:00	07-06 08:30	07-06 09:00	07-06 09:30	07-06 10:00	07-06 10:30	07-06 11:00	07-06 11:30	07-06 12:00	07-06 12:30	07-06 13:00	07-06 13:30	07-06 14:00	07-06 14:30	07-06 15:00	07-06 15:30
TSP	20	mg/Sm³	12	1	1.18	0.93	0.84	0.92	0.94	0.95	0.88	0.82	1.15	0.89	0.86	0.86	0.86	0.9	0.86	0.87
SOx	30	ppm	12	1	3.33	0	2.03	0.15	0	0	0.21	1.15	2.75	0	0	0.26	0.3	0	1.84	0
NOx	70	ppm	12	1	19.21	14.89	18.77	14.57	16.63	19.71	22.89	24.95	28.42	21.78	18.49	23.69	25.65	19.68	24.8	21.55
HCl	15	ppm	12	1	5.3	5.38	5.15	6.98	5.03	3.96	2.97	3.86	6.05	3.72	3.88	3.75	3.54	3.02	5.64	6.83
CO	50	ppm	12	1	0.24	0.3	0.11	0.22	0.34	0.27	0.19	0.07	0.15	0.15	0.14	0.33	0.26	0.45	0.48	0.63
O_2		%	0	0.1	9.24	7.36	6.08	7.06	7.37	7.71	6.56	5.87	10.01	7.06	6.56	6.61	6.78	6.93	6.58	6.64
FL1		Sm³	12	10	11,304	13,360.5	14,810.6	13,822.1	13,327.2	12,997.5	14,276.9	14,902.4	10,883.8	13,583.2	14,053.6	14,088.8	14,292.9	14,485.9	14,769.5	14,744.4
TMP		℃	0	1	187.18	187.31	187.42	187.75	187.05	186.37	186.34	187.07	187.15	187.25	187.42	187.64	187.75	188.28	188.73	188.66
TM1		℃	0	1	1,086.39	1,048.68	1,107.05	1,068.33	1,057.47	1,052.94	1,095.91	1,135.57	1,084.96	1,083.83	1,096.54	1,111.78	1,101.39	1,044.39	1,059	1,063.53
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-06 16:00	07-06 16:30	07-06 17:00	07-06 17:30	07-06 18:00	07-06 18:30	07-06 19:00	07-06 19:30	07-06 20:00	07-06 20:30	07-06 21:00	07-06 21:30	07-06 22:00	07-06 22:30	07-06 23:00	07-06 23:30
TSP	20	mg/Sm³	12	1	1.17	0.79	0.83	0.83	0.83	0.9	0.79	0.85	1.12	0.84	0.82	0.92	0.82	0.85	0.91	0.81
SOx	30	ppm	12	1	0	0	0.03	0.14	0.62	0	0.74	0.7	0	0	0	0	1.56	0.06	0.06	2.24
NOx	70	ppm	12	1	19.36	18.15	15.45	14.69	17.52	16.06	15.78	14.98	23.94	15.21	10.92	10.46	14.98	21.16	22.54	21.12
HCl	15	ppm	12	1	4.52	1.97	3.92	4.49	4.74	5.06	2.91	3.33	3.94	1.14	0.78	2.83	3.04	4.95	6.42	3.42
CO	50	ppm	12	1	0.76	0.4	0.33	0.32	3.11	0.33	9.06	7.54	0.43	0.59	4.08	0.53	2.68	0.28	0.34	38.32
O_2		%	0	0.1	10.25	5.38	5.85	5.79	5.73	6.75	4.98	5.94	8.61	5.68	5.12	7.19	5.41	6.1	6.82	5.04
FL1		Sm³	12	10	11,543.4	16,380.6	15,684.3	15,886.1	15,795.2	14,775.2	17,068.2	15,829.7	12,623.4	14,775.6	14,808.7	13,824.2	16,354.7	15,509.9	14,725.3	16,374.2
TMP		℃	0	1	187.64	187.97	188.47	189.2	189.33	189.04	189.29	189.4	189.16	187.46	186.05	185.14	186.95	188.4	188.38	187.81
TM1		℃	0	1	1,008.52	1,096.28	1,080.7	1,077.03	1,108.89	1,050.3	1,113.72	1,074.99	1,102.46	1,078.92	1,096.79	1,018.93	1,098.79	1,092.94	1,069.95	1,128.2
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

7월 7일 굴뚝별 트랜드

					07-07 00:00	07-07 00:30	07-07 01:00	07-07 01:30	07-07 02:00	07-07 02:30	07-07 03:00	07-07 03:30	07-07 04:00	07-07 04:30	07-07 05:00	07-07 05:30	07-07 06:00	07-07 06:30	07-07 07:00	07-07 07:30
TSP	20	mg/S m³	12	1	1.11	0.88	0.84	0.94	0.86	0.89	0.86	0.86	1.14	0.88	0.88	0.96	1	1	0.8	0.84
SOx	30	ppm	12	1	0.09	0	0.02	0	0.05	0.23	0	0.46	0	0.08	0	0	0	0	0.24	1.14
NOx	70	ppm	12	1	19.56	18.24	13.52	13.6	12.38	9.86	12.27	14.61	22.61	15.03	16.07	12.71	17.55	19.41	13.6	15.8
HCl	15	ppm	12	1	4.16	2.37	2.24	3.03	2.3	3.13	2.64	2.74	4.68	2.29	4.45	3.57	4.2	3.68	1.24	3.35
CO	50	ppm	12	1	1.85	0.66	6.14	0.94	17.93	36.15	2.15	0.98	0.44	5.84	0.47	0.66	0.82	0.92	1.15	0.36
O_2		%	0	0.1	8.28	6.5	5.54	7.12	5.84	6.24	5.95	5.82	8.81	5.99	6.38	7.55	7.91	8.31	5.42	5.77
FL1		Sm³	12	10	12,988.6	15,073	16,473.5	14,088.4	15,798.3	14,455.5	15,244.5	15,254.7	12,272.3	15,000.6	15,330.1	13,948.9	13,400.1	13,295.8	16,703.6	15,808.2
TMP		℃	0	1	186.58	187.21	188.02	187.12	186.04	185.57	186.05	186.92	187.57	187.4	187.56	187.35	186.02	183.57	183.55	187.23
TM1		℃	0	1	1,098.22	1,074.48	1,094.65	1,025.99	1,040.13	1,063.8	1,069.5	1,091.55	1,102.95	1,092.09	1,066.22	1,000.94	988.21	957	1,069.93	1,074.55
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-07 08:00	07-07 08:30	07-07 09:00	07-07 09:30	07-07 10:00	07-07 10:30	07-07 11:00	07-07 11:30	07-07 12:00	07-07 12:30	07-07 13:00	07-07 13:30	07-07 14:00	07-07 14:30	07-07 15:00	07-07 15:30
TSP	20	mg/S m³	12	1	1.18	0.77	0.94	0.92	1	0.92	1	1.02	1.15	0.88	0.86	0.83	0.96	0.87	0.82	0.91
SOx	30	ppm	12	1	2.04	1.14	0	0	0	0	0	0	0	0.03	0.65	3.5	0.92	0	0.88	0
NOx	70	ppm	12	1	20.37	23.81	17.83	19.16	17.91	19.7	19.09	19.77	24.7	23.92	24.69	30.04	22.72	26.11	29.13	31.43
HCl	15	ppm	12	1	9.72	3.71	6.18	4.1	4.05	3.22	4.19	3.78	4.15	2.27	4.07	4.82	8.79	4.24	3.92	4.5
CO	50	ppm	12	1	0.28	0.22	0.16	0.16	0.3	0.23	0.4	0.69	0.66	0.36	0.21	0.14	0.29	0.31	0.17	0.24
O_2		%	0	0.1	9.53	4.97	7.77	7.66	8.47	7.39	8.45	8.46	10.3	6.92	6.41	5.93	7.73	6.73	5.85	7.1
FL1		Sm³	12	10	11,120	16,139.5	12,823.7	12,875.7	12,167.5	13,342.6	12,507.2	12,595.5	11,302.5	14,488.2	14,592.8	15,282.7	13,282.4	14,576.9	15,153.2	14,092.1
TMP		℃	0	1	187.69	186.96	185.9	185.22	184.79	184.84	185.54	186.29	185.87	186.04	186.34	186.68	186.8	186.49	186.31	186.22
TM1		℃	0	1	1,108.79	1,176.34	1,089.95	1,096.03	1,048.14	1,088.05	1,036.55	1,004.73	1,041.91	1,072.78	1,113.67	1,140.88	1,061.91	1,080.47	1,143.25	1,106.64
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-07 16:00	07-07 16:30	07-07 17:00	07-07 17:30	07-07 18:00	07-07 18:30	07-07 19:00	07-07 19:30	07-07 20:00	07-07 20:30	07-07 21:00	07-07 21:30	07-07 22:00	07-07 22:30	07-07 23:00	07-07 23:30
TSP	20	mg/S m³	12	1	1.15	0.89	0.86	0.96	0.86	0.89	0.86	0.84	1.06	0.91	0.92	0.84	0.87	0.88	0.82	0.86
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0.29	2.13	0.16	0	0.28	1.18	1.15	2.98	1.16
NOx	70	ppm	12	1	38.29	26.93	24.74	20.06	29.68	25.36	28.98	32.32	34.87	27.4	22.07	27.48	20.64	19.34	22.14	26.1
HCl	15	ppm	12	1	3.52	2.64	2.9	4.08	2.09	2.88	2.72	2.86	3.63	3.81	2.83	3.46	3.33	4.41	5.07	5.79
CO	50	ppm	12	1	0.34	0.91	4.41	0.52	0.23	0.28	0.24	13.17	17.96	12.35	9.45	12.91	18.3	1.53	21.28	0.38
O_2		%	0	0.1	9.5	7.05	6.56	8.08	6.75	7.22	6.76	6.33	8.58	7.08	6.98	6.09	6.44	6.6	5.63	6.06
FL1		Sm³	12	10	11,406.4	14,340.3	14,572.5	12,628.1	14,454.1	13,930.5	14,343.4	14,615.1	12,508.2	13,791	13,621.6	14,707.6	14,393.9	14,383.6	15,238	14,914.9
TMP		℃	0	1	186.03	186.09	185.8	185.01	185.32	185.78	185.89	185.94	185.99	186.56	186.59	186.16	186.05	186.35	186.92	187.45
TM1		℃	0	1	1,105.66	1,074.76	1,097.03	1,072.05	1,126.69	1,087.83	1,106.77	1,146.53	1,146.01	1,101.61	1,083.4	1,129.21	1,100.27	1,094.21	1,143.96	1,125.76
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47