7월 17일 굴뚝별 트랜드

					07-17 00:00	07-17 00:30	07-17 01:00	07-17 01:30	07-17 02:00	07-17 02:30	07-17 03:00	07-17 03:30	07-17 04:00	07-17 04:30	07-17 05:00	07-17 05:30	07-17 06:00	07-17 06:30	07-17 07:00	07-17 07:30
TSP	20	mg/S m³	12	1	1.12	0.84	0.9	0.82	0.87	0.84	0.89	0.87	1.1	0.97	0.9	0.9	0.95	0.87	0.84	0.89
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.26	0.02
NOx	70	ppm	12	1	23.66	16.76	16.36	16.51	15.77	14.3	14.75	15.89	25.88	11.92	15.39	15.16	15.56	14.67	15.1	15.35
HCl	15	ppm	12	1	2.49	1.69	2.96	2.48	2.4	1.25	3.98	3.89	3.35	3.72	3.11	3.75	4.72	3.81	4.55	4.49
CO	50	ppm	12	1	0.65	1.25	0.3	0.6	0.32	11.73	0.36	0.33	0.39	0.53	0.47	0.37	0.35	3.22	3.74	0.31
O_2		%	0	0.1	9.09	6.08	6.86	5.76	6.33	5.84	6.87	6.86	8.88	8.02	7.42	7.08	7.6	6.63	6.11	6.86
FL1		Sm³	12	10	11,476.9	14,552.3	13,593.5	14,998.2	13,899	13,950.2	13,327.1	14,061.7	12,282.7	12,550	13,531.9	13,868.4	13,228.3	14,546.5	14,512.5	14,194.3
TMP		℃	0	1	185.94	186.05	185.67	186.14	185.78	185.1	184.39	184.08	185.24	185.2	185.14	186.03	186.59	186.25	186.52	187
TM1		℃	0	1	1,089.3	1,082.22	1,060.64	1,097.5	1,083.03	1,090.85	1,048.78	1,074.31	1,087.89	1,019.82	1,028.11	1,045.29	1,025.49	1,050.77	1,114.6	1,065.54
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

					07-17 08:00	07-17 08:30	07-17 09:00	07-17 09:30	07-17 10:00	07-17 10:30	07-17 11:00	07-17 11:30	07-17 12:00	07-17 12:30	07-17 13:00	07-17 13:30	07-17 14:00	07-17 14:30	07-17 15:00	07-17 15:30
TSP	20	mg/S m³	12	1	1.1	0.87	0.87	0.8	0.82	0.86	0.81	0.8	1.09	0.79	0.81	0.81	0.86	0.84	0.82	0.9
SOx	30	ppm	12	1	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0.19	0.16
NOx	70	ppm	12	1	26.15	16.73	15.16	15.82	10.46	8.62	12.13	8.33	14.54	15.37	12.3	13.52	12.19	5.69	13.77	12.22
HCl	15	ppm	12	1	3.47	2.88	2.63	2.64	2.94	3.67	2.39	2.58	3.78	1.5	3.07	3.77	3.9	2.15	2.61	7.07
CO	50	ppm	12	1	0.86	0.35	0.3	1.11	1.2	1.58	2	18.68	0.99	1.03	3.24	0.76	0.34	40.05	21.13	1.55
O_2		%	0	0.1	8.11	6.52	6.58	5.7	5.97	6.63	5.63	5.45	8.83	5.4	5.82	5.86	6.57	6.02	5.54	7.02
FL1		Sm³	12	10	12,155.8	14,624.9	14,664.3	15,703.2	14,992.6	14,018.6	15,106.4	15,067.6	11,798.3	15,132.7	14,609.6	14,543.7	13,849.7	14,349	14,704.1	13,135.7
TMP		℃	0	1	187.04	186.96	186.6	186.4	187.24	186.73	186.1	186.84	186.71	186.26	186.32	186.47	186.03	185.88	186.25	186.96
TM1		℃	0	1	1,118.61	1,069.39	1,057.07	1,091.7	1,068.9	1,034.53	1,080.63	1,091.11	1,079.34	1,102.93	1,091.02	1,088.33	1,057.29	1,044.39	1,095.25	1,043.59
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

					07-17 16:00	07-17 16:30	07-17 17:00	07-17 17:30	07-17 18:00	07-17 18:30	07-17 19:00	07-17 19:30	07-17 20:00	07-17 20:30	07-17 21:00	07-17 21:30	07-17 22:00	07-17 22:30	07-17 23:00	07-17 23:30
TSP	20	mg/S m³	12	1	1.11	0.82	0.79	0.84	0.83	0.84	0.93	1	1.18	0.95	0.87	0.85	0.85	0.87	0.85	0.81
SOx	30	ppm	12	1	5.81	0	0	0	0.09	0.31	0.08	0	0	0	0	0	0	0	0	2
NOx	70	ppm	12	1	22.26	15.34	15.19	12.86	13.68	14.77	11.77	10.78	15.64	10.55	10.62	11.73	9.72	12.96	14.16	15.36
HCl	15	ppm	12	1	10.84	7.11	5.6	6.08	4.01	5.03	5.48	5.88	3.65	2.19	2.35	2.53	2.94	2.74	2.6	1.75
CO	50	ppm	12	1	0.47	15.39	9.62	4.55	30.25	0.46	0.43	0.7	0.86	0.61	0.32	0.25	2.11	0.78	0.63	17.72
O_2		%	0	0.1	8.8	5.76	5.33	6.13	5.66	6.12	7.2	8.38	10.16	7.77	6.47	6.14	6.13	6.53	6.19	5.49
FL1		Sm³	12	10	11,394.8	14,815.3	15,152.6	14,296.3	14,831.8	14,358.2	12,993.1	12,393.7	11,143.8	13,273.6	14,308.5	14,484.4	14,698.2	14,136.8	14,901.1	15,722.5
TMP		℃	0	1	187.59	188.02	187.47	187.4	187.23	187.26	186.47	185.94	185.32	185.07	185.13	185.34	185.15	185.19	185.64	186.13
TM1		℃	0	1	1,097.15	1,093.15	1,122.89	1,075.11	1,089.49	1,106.07	1,062.27	991.8	1,014.35	1,008.26	1,060.87	1,094.73	1,101.17	1,086.99	1,089.53	1,095.18
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 18일 굴뚝별 트랜드

					07-18 00:00	07-18 00:30	07-18 01:00	07-18 01:30	07-18 02:00	07-18 02:30	07-18 03:00	07-18 03:30	07-18 04:00	07-18 04:30	07-18 05:00	07-18 05:30	07-18 06:00	07-18 06:30	07-18 07:00	07-18 07:30
TSP	20	mg/Sm³	12	1	1.17	0.95	0.86	0.91	0.88	0.85	0.87	0.91	1.11	0.93	0.88	0.93	0.94	0.86	0.9	0.89
SOx	30	ppm	12	1	11.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0
NOx	70	ppm	12	1	16.39	12.02	13.09	12.12	13.19	17.01	16.52	14.59	29.27	14.62	17.01	13.41	16.99	19.07	19.99	22.06
HCl	15	ppm	12	1	2.42	2.32	2.44	3	2.89	2.71	2.86	3.59	2.93	3	2.73	3.15	3.02	2.41	2.98	2.99
CO	50	ppm	12	1	81.07	5.27	1.09	0.32	0.31	0.21	0.22	0.22	0.19	0.22	0.26	0.31	0.37	0.28	24.22	0.31
O_2		%	0	0.1	9.67	7.51	6.23	6.98	6.54	6.14	6.44	7.09	8.92	7.38	6.81	7.33	7.72	6.5	6.76	6.88
FL1		Sm³	12	10	11,307.2	13,270.3	13,983.9	13,199.7	13,633.7	14,137.5	13,764.6	13,042.1	11,268.5	12,655.1	13,407.9	12,782.7	13,037	14,472.2	14,317	14,197.9
TMP		℃	0	1	186.5	186.1	185.24	184.84	184.76	185.22	185.08	184.51	184.6	183.88	184.44	184.79	185.08	185.79	185.98	185.78
TM1		℃	0	1	1,084.01	1,028.71	1,095.93	1,070.73	1,099.09	1,114.32	1,109.55	1,074.97	1,117.15	1,077.61	1,075.97	1,053.78	1,040.82	1,099.23	1,071.89	1,106.33
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

					07-18 08:00	07-18 08:30	07-18 09:00	07-18 09:30	07-18 10:00	07-18 10:30	07-18 11:00	07-18 11:30	07-18 12:00	07-18 12:30	07-18 13:00	07-18 13:30	07-18 14:00	07-18 14:30	07-18 15:00	07-18 15:30
TSP	20	mg/Sm³	12	1	1.1	0.82	0.88	0.98	0.9	0.96	0.94	0.88	1.09	0.84	0.88	0.88	0.92	0.94	0.9	0.83
SOx	30	ppm	12	1	0.35	6.32	0.27	0	0	0	0	0	0	0	0.45	2.36	0.13	0	0.04	6.48
NOx	70	ppm	12	1	32.4	25.15	26.4	23.83	25.01	22.16	21.35	22.72	33.96	26.9	28.74	29.02	26.75	25.75	27.24	30.4
HCl	15	ppm	12	1	3.74	3	5.86	4.99	3	3.54	2.84	2.23	2.64	2.09	3.82	9.69	9.11	5.6	4.31	3.06
CO	50	ppm	12	1	0.29	7.86	0.17	0.47	0.43	0.52	0.52	0.33	0.38	0.22	0.41	0.32	0.45	0.6	0.49	27.69
O_2		%	0	0.1	9.48	5.99	6.95	8.36	7.62	8.42	8.17	7.39	10.03	6.83	7.28	7.28	7.84	8.13	7.61	6.36
FL1		Sm³	12	10	13,195.2	17,007.1	15,933.4	14,167.1	15,248.5	14,065.7	14,432.2	15,417.6	12,893.7	15,775.2	15,171.1	15,279.3	14,643.8	14,435.2	14,894.9	15,976
TMP		℃	0	1	186.35	188.22	189.73	188.8	187.84	188.07	187.68	187.34	187.15	187.25	188.47	190.09	189.94	188.91	188.13	188.47
TM1		℃	0	1	1,100.39	1,145.16	1,121.66	1,047.07	1,056.91	1,034.98	1,029.3	1,064.27	1,071.03	1,112.15	1,102.54	1,116.43	1,074.91	1,054.81	1,087.93	1,138.82
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

					07-18 16:00	07-18 16:30	07-18 17:00	07-18 17:30	07-18 18:00	07-18 18:30	07-18 19:00	07-18 19:30	07-18 20:00	07-18 20:30	07-18 21:00	07-18 21:30	07-18 22:00	07-18 22:30	07-18 23:00	07-18 23:30
TSP	20	mg/Sm³	12	1	1.12	0.8	0.78	0.78	0.91	0.85	0.84	0.9	1.1	0.86	0.78	0.87	0.84	0.86	0.88	0.77
SOx	30	ppm	12	1	0	6.2	0.92	0	0	0	0	0	0.01	0	0.85	0	0	0	0	3.03
NOx	70	ppm	12	1	32.48	23.86	31.07	25.96	19.72	18.96	22.46	18.89	22.05	22.48	25.47	20.4	16.76	19.26	16.02	17.61
HCl	15	ppm	12	1	3.34	3.1	2.91	2.49	3.51	2.61	3.1	4.56	4.05	3.4	3.17	4.53	3.36	2.93	2.96	2.65
CO	50	ppm	12	1	2.84	29.64	17.45	0.25	0.45	0.35	0.32	0.31	0.47	0.34	12.86	0.36	0.3	0.34	0.47	28.8
O_2		%	0	0.1	9.53	5.88	5.42	5.61	7.5	6.6	6.34	7.22	9.1	6.61	5.12	6.77	6.27	6.55	6.81	4.98
FL1		Sm³	12	10	11,886.4	15,732.5	16,204.1	15,128.6	13,044.1	14,029	14,449.1	13,436	11,860.9	14,388.2	15,830.7	14,060.4	14,599.4	14,566.5	14,558.2	16,573.4
TMP		℃	0	1	187.06	186.51	187.06	184.94	184.84	185.37	186.26	186.79	186.9	186.54	186.69	186.35	185.97	186.46	186.76	186.99
TM1		℃	0	1	1,102.75	1,147.72	1,164.35	1,157.93	1,078.93	1,106.21	1,109.9	1,083.17	1,087.99	1,091.37	1,177.72	1,100.98	1,113.15	1,093.65	1,044.31	1,117.66
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 19일 굴뚝별 트랜드

					07-19 00:00	07-19 00:30	07-19 01:00	07-19 01:30	07-19 02:00	07-19 02:30	07-19 03:00	07-19 03:30	07-19 04:00	07-19 04:30	07-19 05:00	07-19 05:30	07-19 06:00	07-19 06:30	07-19 07:00	07-19 07:30
TSP	20	mg/Sm³	12	1	1.08	0.77	0.84	0.87	0.86	0.81	0.81	0.8	1.16	0.8	0.83	0.78	0.91	0.9	0.81	0.8
SOx	30	ppm	12	1	0.28	0.62	0	0	0	0	0	0.03	0	0.01	0.18	0.53	0	0	7.54	10.3
NOx	70	ppm	12	1	23.67	15.86	15.5	15.59	13.38	17.01	15.85	14.09	13.63	10.29	11.46	12.75	11.21	10.14	13.88	16.6
HCl	15	ppm	12	1	4.45	0.97	2.98	3.11	3.26	2.19	1.88	2.08	3.65	1.22	2.94	1.87	3.04	4.14	3.73	4.83
CO	50	ppm	12	1	17.69	44.16	0.76	0.46	0.45	0.6	0.25	10.3	0.66	32.53	12.21	23.54	0.46	0.84	6.93	0.67
O_2		%	0	0.1	8.35	4.56	6.13	6.39	6.48	5.53	5.79	5.4	9.81	5.18	5.71	4.69	6.81	6.68	5.23	5.19
FL1		Sm³	12	10	12,982.1	17,115.4	15,330.2	14,932.9	14,751.4	15,930	15,686.9	15,259.3	11,054	15,144.1	14,873.4	16,081.2	13,777.4	13,979.5	15,496.3	16,792.1
TMP		℃	0	1	187.56	188.14	187.5	186.67	185.73	185.58	185.43	185.36	185.33	185.23	186.2	187.52	187.85	187.35	186.77	188.6
TM1		℃	0	1	1,110.09	1,127.95	1,076.93	1,067.94	1,065.79	1,113.69	1,108.46	1,115.3	1,027.09	1,126.2	1,105.09	1,142.48	1,051.54	1,046.8	1,109.97	1,098.17
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

					07-19 08:00	07-19 08:30	07-19 09:00	07-19 09:30	07-19 10:00	07-19 10:30	07-19 11:00	07-19 11:30	07-19 12:00	07-19 12:30	07-19 13:00	07-19 13:30	07-19 14:00	07-19 14:30	07-19 15:00	07-19 15:30
TSP	20	mg/Sm³	12	1	1.14	0.87	0.95	0.95	0.78	1.05	0.9	1.1	1.17	0.86	0.95	0.89	0.91	0.92	0.82	0.81
SOx	30	ppm	12	1	2.53	0.38	0	0	3.3	0.59	0.86	0	0	0.38	0	0	0	0	0	0
NOx	70	ppm	12	1	25.73	18.8	23.51	19.39	28.89	25.67	28.76	23.43	27.88	34.38	26.95	32.04	32.1	27.97	20.87	19.47
HCl	15	ppm	12	1	11.43	7.32	8.82	7.39	4.8	11.01	5.71	7.16	4.8	3.53	5.28	5.62	5.67	4.8	3.37	2.89
CO	50	ppm	12	1	0.43	0.29	0.4	0.57	4.88	0.48	0.86	0.62	0.73	0.22	0.51	0.4	0.29	0.46	0.28	0.22
O_2		%	0	0.1	9.22	6.43	8.01	8.25	5.42	8.57	7.21	9.42	10.78	6.92	8.41	7.75	7.93	8.24	6.44	6.31
FL1		Sm³	12	10	12,852	14,983.1	14,026.7	13,556.5	17,269.8	13,649.7	15,261.1	12,635.2	12,237.8	16,082.1	14,328.5	15,053.5	14,636.7	14,390.1	14,891.5	14,836.4
TMP		℃	0	1	189.74	189.35	187.2	186.18	187.54	188.59	187.77	187.42	187.16	188.42	188.79	188.93	189.1	188.94	188.24	186.43
TM1		℃	0	1	1,102.88	1,110.41	1,045.99	1,029.29	1,155.09	1,067.75	1,127.95	1,019.46	1,066.19	1,130.55	1,055.87	1,082.51	1,104.55	1,072.76	1,104.21	1,104.12
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

					07-19 16:00	07-19 16:30	07-19 17:00	07-19 17:30	07-19 18:00	07-19 18:30	07-19 19:00	07-19 19:30	07-19 20:00	07-19 20:30	07-19 21:00	07-19 21:30	07-19 22:00	07-19 22:30	07-19 23:00	07-19 23:30
TSP	20	mg/Sm³	12	1	1.03	0.96	0.77	0.82	0.89	0.85	0.94	0.87	1.1	0.83	0.94	0.84	0.8	0.89	0.9	0.85
SOx	30	ppm	12	1	1.38	0	0	0	0	0	0	0	0.19	2.78	0	0	0.12	0	0	0
NOx	70	ppm	12	1	29	15.93	24.62	20.5	16.88	20.89	18.03	20.45	21.3	22.47	19.12	22.55	23.33	18.84	16.42	18.97
HCl	15	ppm	12	1	3.1	4.1	2.21	2.78	3.36	3.33	5.31	3.96	5.16	7.17	7.31	3.64	3.81	4.12	3.44	2.74
CO	50	ppm	12	1	23.75	0.58	0.31	0.18	1.75	0.48	0.67	0.59	0.58	0.42	0.56	0.34	0.43	0.3	0.57	0.5
O_2		%	0	0.1	8.29	8.12	5.56	6.7	7.67	7.01	8.18	7.12	10.07	6.01	7.69	6.55	5.93	7.33	7.47	6.75
FL1		Sm³	12	10	13,079	12,839.6	15,741	14,388.1	13,081.6	14,495.3	12,979.1	14,210.7	11,951	15,608.5	13,644.9	14,800.9	15,239.2	13,986.8	13,985.1	14,947.6
TMP		℃	0	1	186.63	187.68	187.15	186.14	186.11	187.2	188.03	188.14	188.49	189.7	189.08	187.62	187.36	187.43	187.19	187.24
TM1		℃	0	1	1,153.49	1,040.15	1,140.29	1,098.89	1,051.79	1,060.88	1,005.95	1,043.93	1,039.73	1,103.19	1,037.4	1,087.37	1,145.7	1,068.11	1,034.75	1,043.61
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