6월 20일 굴뚝별 트랜드

					06-20 00:00	06-20 00:30	06-20 01:00	06-20 01:30	06-20 02:00	06-20 02:30	06-20 03:00	06-20 03:30	06-20 04:00	06-20 04:30	06-20 05:00	06-20 05:30	06-20 06:00	06-20 06:30	06-20 07:00	06-20 07:30
TSP	20	mg/Sm³	12	1	0.38	0.29	0.29	0.28	0.3	0.31	0.3	0.31	0.39	0.29	0.3	0.29	0.32	0.32	0.3	0.33
SOx	30	ppm	12	1	0.45	0	0	0	0	0	0.09	0	0.15	0.73	0	0	0	0	0	0
NOx	70	ppm	12	1	6.51	3.17	6.52	3.22	3.56	4.65	5.27	6.07	7.26	4.87	3.93	6.38	6.15	6	4.82	6.28
HCl	15	ppm	12	1	3.92	2.67	2.62	3.13	4.07	3.3	2.97	3.06	3.38	2.63	3.48	4.86	4.24	2.63	2.09	3.55
CO	50	ppm	12	1	0.41	1.04	0.47	3.85	0.32	0.46	0.49	0.29	0.75	8.14	1.62	0.22	0.3	0.34	0.53	0.55
O_2		%	0	0.1	8.97	6.32	5.86	5.53	6.34	6.55	6.42	6.82	9.04	5.7	6.01	5.61	6.87	6.34	5.79	7.03
FL1		Sm³	12	10	11,149.1	13,825.6	14,784	14,745.6	13,836.2	13,617.9	14,026.1	13,916.3	11,976	15,030.9	14,513.9	15,125.8	13,712.4	14,706.7	15,410.4	14,751.5
TMP		℃	0	1	186.96	186.37	185.06	185.93	186.33	185.08	184.49	185.56	185.64	186.53	187.18	187.27	186.37	186.19	186.74	187.26
TM1		℃	0	1	1,059.09	1,027.16	1,074.77	1,089.35	1,069.34	1,064.47	1,064.62	1,051.78	1,049.41	1,077.27	1,070.27	1,107.79	1,055.73	1,055.83	1,056.75	1,010.62
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					06-20 08:00	06-20 08:30	06-20 09:00	06-20 09:30	06-20 10:00	06-20 10:30	06-20 11:00	06-20 11:30	06-20 12:00	06-20 12:30	06-20 13:00	06-20 13:30	06-20 14:00	06-20 14:30	06-20 15:00	06-20 15:30
TSP	20	mg/Sm³	12	1	0.38	0.31	0.28	0.29	0.26	0.27	0.27	0.27	0.35	0.26	0.26	0.28	0.24	0.27	0.25	0.24
SOx	30	ppm	12	1	11.39	0	0	0	0	0	0	0	0	0	0	0	3.74	1.32	0.02	1.14
NOx	70	ppm	12	1	10.65	3.22	4.83	2.63	3.03	6.42	7.95	5.58	12.15	7.02	7.41	7.23	8.93	8.2	7.87	8.35
HCl	15	ppm	12	1	3.08	2.77	2.21	3.05	1.82	3.22	3.43	3.21	2.82	2.64	3.63	4.5	2.8	3.91	3.08	2.55
CO	50	ppm	12	1	54.48	0.75	0.59	0.83	1.76	0.76	0.2	0.32	0.3	0.31	1.09	0.44	38.79	12.93	3.28	46.66
O_2		%	0	0.1	7.25	6.67	5.99	6.36	4.83	5.74	5.99	6.44	8.64	5.51	5.2	6.39	4.07	5.79	5.01	4.07
FL1		Sm³	12	10	13,283.2	14,498.9	15,297.1	14,967	16,594.5	15,261.1	14,886.9	14,641.1	12,278.1	15,754.4	16,008.2	14,798.8	17,418.9	15,257.1	16,339.8	17,244.2
TMP		℃	0	1	187.79	187.89	187.59	187.57	187.57	187.14	186.6	185.93	186.89	188.36	189.16	189.38	189.1	188.74	188.38	188.48
TM1		℃	0	1	1,106.42	1,016.09	1,031.2	1,015.89	1,076.41	1,070.11	1,082.67	1,049.91	1,080.63	1,074.5	1,086.35	1,047.21	1,128.35	1,072.71	1,106.79	1,143.79
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					06-20 16:00	06-20 16:30	06-20 17:00	06-20 17:30	06-20 18:00	06-20 18:30	06-20 19:00	06-20 19:30	06-20 20:00	06-20 20:30	06-20 21:00	06-20 21:30	06-20 22:00	06-20 22:30	06-20 23:00	06-20 23:30
TSP	20	mg/Sm³	12	1	0.37	0.25	0.28	0.31	0.32	0.29	0.3	0.29	0.41	0.34	0.36	0.4	0.4	0.41	0.38	0.38
SOx	30	ppm	12	1	0	0.29	0	0	0	8.42	0.27	1.1	0.25	0.16	7.94	0	0.43	0.56	4.31	1.09
NOx	70	ppm	12	1	11.08	6.95	9.13	8.02	7.22	10.71	12.4	17.05	23.22	15.11	15.33	17.5	17.69	17.51	16.99	17.86
HCl	15	ppm	12	1	3.64	2.05	3.7	3.36	3.52	2.6	5.14	4.13	4.16	3.28	3.38	4.01	3.96	5.32	5.5	5.41
CO	50	ppm	12	1	0.71	50.99	0.46	0.77	1.14	32.1	0.56	16.11	8.42	0.25	35.8	0.77	0.37	0.9	1.12	10.59
O_2		%	0	0.1	9.1	4.41	6.27	6.99	7.88	5.52	5.74	5.02	8.16	6.09	5.84	6.69	6.12	6.41	5.7	5.93
FL1		Sm³	12	10	12,051	16,990.8	14,932.8	13,864.2	12,821.4	16,265	15,327.3	16,288.8	13,143.7	15,162.7	15,488.4	14,928.4	15,372.2	15,198.6	16,013.7	15,604
TMP		℃	0	1	188.16	188.07	187.99	187.15	185.67	186.4	188.16	188.18	187.82	187.73	187.45	187.01	187.48	188.24	188.82	188.66
TM1		℃	0	1	1,066.18	1,137.67	1,057.42	1,017.95	992.37	1,088.71	1,108.06	1,147.36	1,113.97	1,095.47	1,102.57	1,087.63	1,106.99	1,094.33	1,110.68	1,106.05
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

6월 21일 굴뚝별 트랜드

					06-21 00:00	06-21 00:30	06-21 01:00	06-21 01:30	06-21 02:00	06-21 02:30	06-21 03:00	06-21 03:30	06-21 04:00	06-21 04:30	06-21 05:00	06-21 05:30	06-21 06:00	06-21 06:30	06-21 07:00	06-21 07:30
TSP	20	mg/Sm³	12	1	0.51	0.4	0.41	0.41	0.41	0.4	0.45	0.44	0.56	0.47	0.46	0.42	0.42	0.46	0.45	0.53
SOx	30	ppm	12	1	0.55	5.08	4.27	6.81	3.47	0.92	0.29	10.88	3.98	0.47	0	0.73	0.15	0	0	0
NOx	70	ppm	12	1	18.85	19.14	20.91	18.02	19.96	22.23	19.14	24.08	29.35	24.1	19.83	24.48	26.8	25.89	25.61	27.36
HCl	15	ppm	12	1	5.55	3.65	4.98	6.86	7.17	4.56	5.59	4.93	5.99	5.38	5.36	4.88	5.41	5.54	3.92	3.63
CO	50	ppm	12	1	37.05	13.91	1.01	0.16	11.38	0.1	0.19	29.64	15.55	9.56	0.48	0.28	0.18	0.24	0.19	0.67
O_2		%	0	0.1	9.63	6.45	6.77	6.99	7.38	5.83	7.45	6.51	8.59	7.57	8.04	6.83	6.75	7.52	7.67	8.78
FL1		Sm³	12	10	11,036.2	14,381.3	13,965.2	13,621.4	13,401	14,980	13,213.7	14,646	12,409.8	13,940.9	13,348.5	14,882.3	15,101.6	14,049.7	13,590.2	12,605.1
TMP		℃	0	1	187.47	186.18	185.76	185.61	185.32	185.71	185.5	186.18	187.17	187.55	187.29	187.58	187.86	187.9	186.45	186.05
TM1		℃	0	1	1,141.47	1,135.63	1,135.81	1,137.55	1,117.19	1,165.09	1,119.89	1,141	1,151.21	1,077.36	1,051.89	1,102.94	1,127.59	1,103.86	1,109.62	1,022.13
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					06-21 08:00	06-21 08:30	06-21 09:00	06-21 09:30	06-21 10:00	06-21 10:30	06-21 11:00	06-21 11:30	06-21 12:00	06-21 12:30	06-21 13:00	06-21 13:30	06-21 14:00	06-21 14:30	06-21 15:00	06-21 15:30
TSP	20	mg/Sm³	12	1	0.63	0.47	0.46	0.4	0.45	0.31	0.27	0.28	0.42	0.31	0.29	0.29	0.3	0.32	0.28	0.34
SOx	30	ppm	12	1	0	0.62	0.48	2.19	0	0	0	0	0	7.21	0.69	0.04	0.78	0	2.01	1.13
NOx	70	ppm	12	1	31.1	22.56	22.19	22.73	21.35	21.4	22.39	20.85	33.33	21.63	20.27	25.39	24.61	25.85	27.81	26.04
HCl	15	ppm	12	1	3.07	2.66	4.85	5.09	5.12	2.53	2.76	3.16	2.79	3.12	3.11	3.39	4.47	4.51	2.98	4.61
CO	50	ppm	12	1	0.62	0.45	0.59	2.25	0.7	0.56	0.31	0.64	0.65	23.52	23.33	0.23	0.33	0.52	18	0.78
O_2		%	0	0.1	10.92	7.38	8.22	7.11	8.79	7.25	6.62	7.51	9.96	6.01	5.79	6.32	7	7.97	6.17	8.45
FL1		Sm³	12	10	11,421.4	14,170.1	13,298.9	14,462.9	12,477.5	14,489.9	14,942.8	14,212.3	11,935.9	15,578.6	15,643.6	14,753.7	14,451.1	13,501.7	15,418	13,155.4
TMP		℃	0	1	186.99	188.12	188.38	188.79	188.33	187.74	188.07	188.07	187.88	188.05	187.87	187.32	187.55	187.62	187.71	188.18
TM1		℃	0	1	1,031.78	1,065.23	1,027.71	1,078.77	1,009.5	1,036.89	1,097.2	1,038.4	1,071.48	1,126.57	1,154.76	1,162.43	1,124.83	1,075.92	1,161.75	1,056.64
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					06-21 16:00	06-21 16:30	06-21 17:00	06-21 17:30	06-21 18:00	06-21 18:30	06-21 19:00	06-21 19:30	06-21 20:00	06-21 20:30	06-21 21:00	06-21 21:30	06-21 22:00	06-21 22:30	06-21 23:00	06-21 23:30
TSP	20	mg/Sm³	12	1	0.4	0.3	0.35	0.29	0.29	0.32	0.31	0.3	0.37	0.31	0.3	0.31	0.28	0.28	0.28	0.27
SOx	30	ppm	12	1	1.94	0.14	0	10.71	0.86	0.41	0.07	0.2	13.2	3.35	11.68	10.99	0.09	0.56	0.07	0.26
NOx	70	ppm	12	1	33.03	23.96	19.71	21.13	21.05	19.07	17.97	15.85	8.16	4.6	6.17	5.98	5.9	7.86	10.86	13.69
HCl	15	ppm	12	1	4.65	2.94	3.46	1.85	2.35	3.53	2.88	2.07	1.16	1.66	3.3	12.71	8.63	3.12	5.16	4.63
CO	50	ppm	12	1	7.09	13.21	0.75	40.52	17.53	32.74	14.61	29.23	164.45	4.31	38.41	12.28	38.32	45.11	12.91	22.61
O_2		%	0	0.1	9.66	5.79	7.67	5	5.62	6.51	6.38	5.74	5.42	6.27	5.13	6.22	5.21	4.79	5.29	4.82
FL1		Sm³	12	10	11,783.4	14,796.9	12,680.7	15,585.7	15,619.4	14,570.1	14,733.9	16,153.4	13,976.1	14,752.8	16,565.9	15,123.4	16,425.2	16,687.3	15,843.3	16,368.2
TMP		℃	0	1	188.34	187.52	186.45	185.92	186.35	187.09	186.76	186.67	188	188.43	189.25	189.99	189.71	189.13	188.84	188.03
TM1		℃	0	1	1,121.22	1,121.31	1,069.67	1,149.04	1,134.41	1,107.49	1,089.83	1,091.71	1,117.67	1,067.53	1,101.11	1,069.35	1,090.59	1,105.95	1,117.9	1,154.08
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

6월 22일 굴뚝별 트랜드

					06-22 00:00	06-22 00:30	06-22 01:00	06-22 01:30	06-22 02:00	06-22 02:30	06-22 03:00	06-22 03:30	06-22 04:00	06-22 04:30	06-22 05:00	06-22 05:30	06-22 06:00	06-22 06:30	06-22 07:00	06-22 07:30
TSP	20	mg/Sm³	12	1	0.35	0.31	0.27	0.33	0.3	0.31	0.33	0.34	0.6	0.41	0.27	0.33	0.37	0.39	0.4	0.34
SOx	30	ppm	12	1	24.88	5.84	0.35	0	0	0	0.03	0	0	0.04	3.14	2.65	0.6	0.15	0	0
NOx	70	ppm	12	1	4.66	0.14	0.8	0.4	1.26	1.33	1.71	0.5	2.74	5.78	15.75	11.94	9.27	10.04	14.49	13.43
HCl	15	ppm	12	1	3.85	0.46	0.05	0.16	0.08	0.22	0.16	0.48	4.49	1.95	1.05	4.58	4.64	2.93	2.83	2.37
CO	50	ppm	12	1	178.93	24.13	34.67	2.05	7.4	8.39	20.25	14.69	25.73	39.37	31.13	0.6	0.56	0.55	0.53	0.42
O_2		%	0	0.1	4.16	6.45	4.63	6.94	5.29	6.06	6.1	7.23	14.31	8.8	3.9	5.84	6.88	7.86	8	6.41
FL1		Sm³	12	10	15,588.2	13,759.1	16,218.5	13,574.2	15,313.9	14,081.3	13,986.8	12,481.5	7,371.4	12,527.6	18,861.5	16,387.8	15,014.9	13,744.6	13,541.4	14,113.6
TMP		℃	0	1	189.17	187.92	187.06	186.65	186.28	185.96	185.12	183.48	179.3	172.69	160.86	168.82	184.11	185.3	185.63	186.27
TM1		℃	0	1	1,160.43	1,041.85	1,086.68	1,015.45	1,077.65	1,048.29	1,038.61	973.43	826.15	933.73	1,173.31	1,160.17	1,155.21	1,117.37	1,095.69	1,109.87
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					06-22 08:00	06-22 08:30	06-22 09:00	06-22 09:30	06-22 10:00	06-22 10:30	06-22 11:00	06-22 11:30	06-22 12:00	06-22 12:30	06-22 13:00	06-22 13:30	06-22 14:00	06-22 14:30	06-22 15:00	06-22 15:30
TSP	20	mg/Sm³	12	1	0.42	0.3	0.3	0.29	0.26	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.22	0.21	0.25
SOx	30	ppm	12	1	0	0	0.21	0.11	0.14	0.21	24.85	0	0.16	0.34	0.41	0.03	0	0	0	0
NOx	70	ppm	12	1	14.32	8.5	6.74	4.73	1.74	0	57.75	0.39	0.22	0	0	0.99	1.14	1.35	2.55	0.35
HCl	15	ppm	12	1	3.05	1.28	1.56	1	6.53	1.59	22.61	19.22	0.14	0.21	0.15	3.54	2.33	3.51	2.59	1.45
CO	50	ppm	12	1	0.57	6.66	14.22	21.71	4.13	0	76.15	0	0	0.01	0.02	1.07	1.41	1.07	2.11	5.06
O_2		%	0	0.1	8.73	5.79	5.86	5.02	14.86	19.25	10.62	10.73	21.15	21.14	21.14	7.34	5.29	6.94	5.23	5.34
FL1		Sm³	12	10	11,412	13,883.6	14,184.6	15,060	16,440.1	18,683.5	17,929.8	18,441.5	18,370.6	17,390.4	16,933.7	17,817.8	18,022.4	17,830.3	18,251.2	15,076.2
TMP		℃	0	1	186.09	185.51	184.71	185.1	186.13	186.77	186.92	186.68	186.08	186.09	185.07	184.31	185.78	186.86	186.53	186.42
TM1		℃	0	1	1,104.97	1,072.84	1,044.17	1,056.75	1,011.51	1,027.39	1,016.79	989.2	1,031.63	1,085.66	1,001.4	1,034.32	1,071.69	1,004.71	1,057.35	1,041.75
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					06-22 16:00	06-22 16:30	06-22 17:00	06-22 17:30	06-22 18:00	06-22 18:30	06-22 19:00	06-22 19:30	06-22 20:00	06-22 20:30	06-22 21:00	06-22 21:30	06-22 22:00	06-22 22:30	06-22 23:00	06-22 23:30
TSP	20	mg/Sm³	12	1	0.36	0.27	0.24	0.28	0.26	0.31	0.31	0.3	0.42	0.31	0.33	0.34	0.33	0.34	0.34	0.32
SOx	30	ppm	12	1	0	0	0.03	0	0.1	0	0	0	0	0.19	0	0	0	0	0	0
NOx	70	ppm	12	1	0.33	0.37	0.9	0.14	0.45	2.5	2.97	1.05	2.31	2.19	1.67	1.25	1.64	1.97	2.98	1.82
HCl	15	ppm	12	1	2.22	1.63	1.04	2.19	2.05	2.55	2.54	2.05	3.67	1.99	2.86	2.37	2.03	2.15	2.27	2.04
CO	50	ppm	12	1	13.35	9.63	25.37	0.72	0.46	0.61	0.72	0.77	0.84	0.68	0.71	0.85	0.74	0.93	0.79	0.47
O_2		%	0	0.1	9.2	6.24	5.04	6.89	5.73	7.06	6.89	6.05	9.98	6.05	7.24	7.17	6.85	7.22	7.39	6.54
FL1		Sm³	12	10	10,569.4	13,912.5	15,065.1	13,326.9	14,706.3	14,365.1	14,629	14,461	11,854.7	15,388.4	14,145.4	13,811.2	14,010.5	13,576.7	14,067.5	14,311.2
TMP		℃	0	1	186.31	185.58	185.12	186.47	186.79	188.38	189.17	188	187.5	187.72	187.79	186.5	186.16	186.3	186.83	186.41
TM1		℃	0	1	1,040.61	1,017.83	1,060.75	989.47	1,045.42	1,003.28	996.82	1,041.69	987.32	1,051.77	992.27	981.07	1,001.52	1,002.48	989.62	1,029.01
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51