4월 18일 굴뚝별 트랜드

					04-18 00:00	04-18 00:30	04-18 01:00	04-18 01:30	04-18 02:00	04-18 02:30	04-18 03:00	04-18 03:30	04-18 04:00	04-18 04:30	04-18 05:00	04-18 05:30	04-18 06:00	04-18 06:30	04-18 07:00	04-18 07:30
TSP	20	mg/Sm³	12	1	0.38	0.34	0.33	0.32	0.34	0.33	0.35	0.31	0.43	0.42	0.34	0.31	0.35	0.34	0.33	0.34
SOx	30	ppm	12	1	6.89	6.06	5.99	9.18	1.4	3.47	0.85	4.8	1.41	9.61	1.69	14.46	3.9	0.54	0.64	0.14
NOx	70	ppm	12	1	13.1	4.77	4.08	4.61	5.26	6.1	7.66	8.61	3.91	3.12	3.35	3.34	3.41	3.75	3.61	5.96
HCl	15	ppm	12	1	0.58	0.36	0.41	3.29	2.53	1.99	3.55	3.94	6.12	5.91	2.57	5.04	4.49	4.12	2.55	2.15
CO	50	ppm	12	1	67.05	32.87	26.53	39.72	26.06	10.67	0.46	2.86	8.46	26.9	0.73	36.21	21.52	0.33	14.51	3.27
O_2		%	0	0.1	7.05	6.68	6.34	5.87	6.64	6.43	7.72	5.75	9.79	8.54	6.77	5.55	6.93	6.87	6.35	6.83
FL1		Sm³	12	10	14,051.2	13,553.7	13,847.6	13,970.8	13,667.7	13,862.2	12,389.9	14,524.8	11,423.3	11,336.9	12,911.9	13,590	12,396.9	12,456	13,021	12,614.3
TMP		℃	0	1	184.63	185.11	184.44	185.38	185.91	185.85	185.92	186.69	187.06	187.07	186.39	186.14	185.73	185.75	185.2	184.73
TM1		℃	0	1	1,132.24	1,067.17	1,051.04	1,113.57	1,057.85	1,080.37	1,041.84	1,083.97	1,018.58	993.85	1,043.63	1,100.37	1,081.02	1,074.29	1,094.79	1,080.49
TM3		℃	0	1	36.56	36.56	36.55	36.55	36.55	36.55	36.55	36.56	36.56	36.56	36.56	36.57	36.55	36.56	36.56	36.56

					04-18 08:00	04-18 08:30	04-18 09:00	04-18 09:30	04-18 10:00	04-18 10:30	04-18 11:00	04-18 11:30	04-18 12:00	04-18 12:30	04-18 13:00	04-18 13:30	04-18 14:00	04-18 14:30	04-18 15:00	04-18 15:30
TSP	20	mg/Sm³	12	1	0.43	0.34	0.34	0.33	0.31	0.29	0.3	0.31	0.41	0.33	0.34	0.32	0.32	0.29	0.32	0.31
SOx	30	ppm	12	1	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0.81	1.01	0	0
NOx	70	ppm	12	1	4.21	2.89	1.49	1.24	1.58	3.24	1.5	1.24	1.72	0.22	0	0.05	0.3	2.14	2.27	0.7
HCl	15	ppm	12	1	1.65	0.94	0.79	0.24	0.11	0.38	1.13	1.69	2.32	1.72	0.68	0.1	0.11	0.11	0.89	0.95
CO	50	ppm	12	1	0.76	0.52	0.59	0.97	0.69	0.3	4.12	0.77	0.45	0.56	0.67	0.71	0.68	0.58	0.3	0.49
O_2		%	0	0.1	10.04	6.96	7	7.09	5.9	5.3	5.7	6.16	8.61	7.12	7.25	6.07	6.27	5.12	6.36	6.28
FL1		Sm³	12	10	10,656.5	12,934.4	12,950.6	13,000.3	14,205.9	14,673	14,502.3	13,712.5	11,320.2	12,827.4	12,768.8	14,146.3	13,776.3	14,992.2	13,558.6	13,534
TMP		℃	0	1	184.41	184.51	184.78	184.67	184.69	184.96	185.93	186.67	187.36	187.4	187.3	187.39	187.88	188.34	188.09	187.68
TM1		℃	0	1	1,025.95	1,029.15	1,007.36	989.94	1,038.03	1,073.43	1,054.48	1,041.75	1,054.93	1,005.34	988.83	1,023.7	1,029.87	1,072.65	1,050.58	1,043.91
TM3		℃	0	1	36.56	36.56	36.56	36.57	36.56	36.55	36.56	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					04-18 16:00	04-18 16:30	04-18 17:00	04-18 17:30	04-18 18:00	04-18 18:30	04-18 19:00	04-18 19:30	04-18 20:00	04-18 20:30	04-18 21:00	04-18 21:30	04-18 22:00	04-18 22:30	04-18 23:00	04-18 23:30
TSP	20	mg/Sm³	12	1	0.47	0.29	0.33	0.28	0.28	0.32	0.29	0.34	0.38	0.33	0.32	0.3	0.3	0.39	0.3	0.29
SOx	30	ppm	12	1	0	0.06	0	0.05	1.88	1.68	6.69	1.87	64.6	1.71	0	0.01	0.33	0.09	0.08	0.24
NOx	70	ppm	12	1	2.66	1.18	1.2	1.34	1.01	0.52	3.12	1.29	1.66	1.71	1.33	4.31	5.13	1.11	4.67	4.18
HCl	15	ppm	12	1	1.85	1	0.73	0.34	0.36	0.73	0.5	1.09	0	0	0	0.08	0.52	2.01	0.56	0.73
CO	50	ppm	12	1	0.68	0.62	0.63	0.99	33.94	3.3	23.86	16.03	174.21	2.19	1.29	0.41	17.14	1.41	8.68	17.73
O_2		%	0	0.1	9.91	5.62	7.11	4.99	4.98	6.72	5.55	7.38	5.38	6.81	6.18	5.66	5.41	8.97	5.63	4.98
FL1		Sm³	12	10	10,586.4	14,124.1	12,861.1	15,057.3	15,166	12,905.8	14,052.6	12,384.8	13,414.2	12,672.4	13,539.1	13,974.3	14,292	10,629.4	14,299.1	14,888.8
TMP		℃	0	1	187.73	187.11	186.08	186.24	186.15	185.59	185.34	184.67	185.62	185.21	184.15	183.84	183.66	182.61	182.37	182.32
TM1		℃	0	1	1,020.74	1,050.23	997.07	1,068.71	1,066.34	1,020.66	1,081.65	1,022.74	1,128.35	1,061.43	1,063.01	1,114.09	1,117.25	990.55	1,075.01	1,117.28
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.56	36.55	36.55

4월 19일 굴뚝별 트랜드

					04-19 00:00	04-19 00:30	04-19 01:00	04-19 01:30	04-19 02:00	04-19 02:30	04-19 03:00	04-19 03:30	04-19 04:00	04-19 04:30	04-19 05:00	04-19 05:30	04-19 06:00	04-19 06:30	04-19 07:00	04-19 07:30
TSP	20	mg/Sm³	12	1	0.48	0.31	0.35	0.31	0.31	0.35	0.36	0.32	0.39	0.32	0.29	0.34	0.35	0.36	0.32	0.32
SOx	30	ppm	12	1	6.02	0	0.95	0	0.64	0.05	0.48	0.78	10.35	0.96	2.08	3.64	0	0	0	0
NOx	70	ppm	12	1	4.29	3.24	3.53	5.19	6.62	4.95	3.2	3.86	4.96	2.04	5.47	2.58	3.77	4.7	6.31	4.5
HCl	15	ppm	12	1	0.22	0	0.32	0	0.15	0.75	0.27	0.29	0.27	0.99	0.63	2.49	1.37	1.08	0.63	0.57
CO	50	ppm	12	1	152.46	6.2	15.64	0.51	17.7	0.56	12.06	10.74	104.41	3.66	20.87	20.23	0.63	0.53	0.25	0.21
O_2		%	0	0.1	6.36	6.15	7.19	6.07	5.96	7.83	7.91	6.49	6.52	6.61	4.88	7.14	7.46	7.84	6.57	6.7
FL1		Sm³	12	10	12,316	13,487.7	12,296.1	13,466.3	13,636.3	11,703.2	11,817.9	13,061.7	13,274.1	12,996	14,790.7	12,434.7	12,342.7	11,765.1	12,286.7	11,906.4
TMP		℃	0	1	182.81	182.11	181.76	182.01	182.43	182.38	182.11	182.39	183.31	183.55	183.4	183.01	182.78	182.3	181.83	181.3
TM1		℃	0	1	1,142.84	1,099.09	1,084.13	1,111.62	1,109.78	1,053.72	1,020.14	1,069.17	1,121.15	1,069.92	1,139.03	1,071.66	1,046.07	1,049.09	1,085.34	1,092.21
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.54	36.54	36.54	36.54	36.54	36.55	36.54	36.53	36.55	36.55

					04-19 08:00	04-19 08:30	04-19 09:00	04-19 09:30	04-19 10:00	04-19 10:30	04-19 11:00	04-19 11:30	04-19 12:00	04-19 12:30	04-19 13:00	04-19 13:30	04-19 14:00	04-19 14:30	04-19 15:00	04-19 15:30
TSP	20	mg/Sm³	12	1	0.42	0.32	0.32	0.29	0.34	0.24	0.24	0.25	0.34	0.25	0.25	0.25	0.25	0.25	0.25	0.25
SOx	30	ppm	12	1	0	0.9	1.27	0.2	0.03	0	0.01	2.3	0	0	0	0	0	0	0	27.1
NOx	70	ppm	12	1	5.74	3.68	4.3	7.02	11.65	13.76	10.95	11.17	8.34	3.95	3.63	0	0	0	0.04	59.18
HCl	15	ppm	12	1	0.77	1.38	0.82	4.41	7.95	7.09	8.02	9.03	8.24	7.24	6.89	0.32	0.47	0.47	3.98	13.72
CO	50	ppm	12	1	1.32	3.26	19.35	10.27	39.14	1.81	11.66	55.84	0.61	1.98	19.49	0.06	0.06	0.05	0.06	92.75
O_2		%	0	0.1	9.46	6.46	6.26	6.28	6.05	5.27	5.17	4.9	9.36	5.68	6.3	21.14	21.14	21.13	18.86	4.36
FL1		Sm³	12	10	10,253.5	12,103.7	12,765.5	13,950.3	15,908.8	16,181.8	16,436.1	15,900.8	14,967.7	15,109.1	15,199.5	15,288.2	15,399.7	14,978.5	14,998.9	14,748.7
TMP		℃	0	1	181.66	182.11	182.25	182.55	182.52	182.33	182.76	183.15	182.69	182.13	182.07	182.4	182.78	182.91	182.59	182.16
TM1		℃	0	1	1,063.62	1,091.1	1,074.81	1,086.01	1,092.79	1,111.16	1,097.1	1,122.89	1,059.7	1,066.1	1,074.18	1,057.02	1,077.21	1,057.35	1,055.9	1,067.81
TM3		℃	0	1	36.56	36.56	36.56	36.56	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.56

					04-19 16:00	04-19 16:30	04-19 17:00	04-19 17:30	04-19 18:00	04-19 18:30	04-19 19:00	04-19 19:30	04-19 20:00	04-19 20:30	04-19 21:00	04-19 21:30	04-19 22:00	04-19 22:30	04-19 23:00	04-19 23:30
TSP	20	mg/Sm³	12	1	0.25	0.24	0.26	0.33	0.3	0.29	0.31	0.32	0.42	0.35	0.34	0.34	0.35	0.34	0.33	0.33
SOx	30	ppm	12	1	0.95	0	0.12	0	0	0	1.25	6.26	4.63	0	0.06	0.01	0	0.07	0.36	0
NOx	70	ppm	12	1	0.49	0.77	0.96	0.71	0.96	0.19	0.03	4.04	9.78	4.68	6.71	7.95	5.3	6.13	8.87	8.93
HCl	15	ppm	12	1	4.9	3.73	3.3	3.82	3.47	3.59	4	5.6	11.33	7.63	5.76	6.2	5.38	5.28	4.91	5.44
CO	50	ppm	12	1	109.74	1.25	2.32	0.61	0.75	6.48	22.2	15.51	0.75	0.26	0.74	0.3	0.73	0.63	0.6	0.26
O_2		%	0	0.1	8.72	6.64	5.52	7.47	5.76	5.13	5.98	6.26	8.81	7.6	6.98	7.25	7.59	7.01	6.33	6.49
FL1		Sm³	12	10	14,716	14,348.3	13,333.9	10,988.4	12,737.9	13,304.3	12,404.2	13,396.7	10,568.9	11,615.2	12,528.3	12,019.4	11,799.8	12,333.9	13,223.7	12,828.8
TMP		℃	0	1	181.79	180.62	180.63	181.61	182.41	182.82	182.75	184.25	185.05	184.03	183.49	183.57	183.23	183.4	184.13	184.25
TM1		℃	0	1	1,056.96	1,058.16	1,102.4	1,027.7	1,064.1	1,063.64	1,046.57	1,070.28	1,107.3	1,043.31	1,037.31	1,044.93	1,010.85	1,045.65	1,048.85	1,059.63
TM3		℃	0	1	36.52	36.51	36.54	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.56	36.55	36.55

4월 20일 굴뚝별 트랜드

					04-20 00:00	04-20 00:30	04-20 01:00	04-20 01:30	04-20 02:00	04-20 02:30	04-20 03:00	04-20 03:30	04-20 04:00	04-20 04:30	04-20 05:00	04-20 05:30	04-20 06:00	04-20 06:30	04-20 07:00	04-20 07:30
TSP	20	mg/Sm³	12	1	0.43	0.31	0.36	0.33	0.37	0.34	0.32	0.31	0.42	0.35	0.34	0.34	0.31	0.35	0.35	0.32
SOx	30	ppm	12	1	0	4.49	0	0	0.09	0.01	1.18	0	0.02	0	0	0	0	0	0	0.01
NOx	70	ppm	12	1	11.05	13.08	8.99	10.85	10.55	12.12	15.81	18.5	19.65	14.43	15.37	17.17	17.9	16.39	14.42	17.65
HCl	15	ppm	12	1	6.2	4.57	4.4	4.2	5.15	4.09	5.45	4.75	6.1	4.54	4.19	3.68	3.09	3.48	3.43	3.72
CO	50	ppm	12	1	0.51	31.44	0.56	0.35	0.62	1.04	1.78	0.17	0.24	0.34	0.38	0.26	0.21	0.33	0.34	0.21
O_2		%	0	0.1	9.76	5.9	7.68	6.88	7.79	6.86	6.26	5.75	9.12	7.57	7.16	7	6.38	7.52	7.6	6.36
FL1		Sm³	12	10	10,410.5	13,668.2	11,856.9	12,613	11,574.5	12,621.2	13,309.1	13,879	10,129.4	11,482	11,804.4	12,231.9	13,129.9	11,911.8	12,026.3	13,413.5
TMP		℃	0	1	183.92	183.93	183.47	183.49	183.77	183.24	184.13	184.41	183.89	183.2	183.07	182.79	182.81	182.47	182.74	183.59
TM1		℃	0	1	1,036.78	1,090.15	1,011.85	1,033.9	1,012.51	1,039.95	1,073.59	1,095.47	1,103.18	1,040.21	1,055.88	1,058.55	1,084.28	1,044.88	1,029.53	1,078.96
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.56	36.55	36.55	36.55	36.56	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					04-20 08:00	04-20 08:30	04-20 09:00	04-20 09:30	04-20 10:00	04-20 10:30	04-20 11:00	04-20 11:30	04-20 12:00	04-20 12:30	04-20 13:00	04-20 13:30	04-20 14:00	04-20 14:30	04-20 15:00	04-20 15:30
TSP	20	mg/Sm³	12	1	0.44	0.33	0.32	0.29	0.3	0.3	0.31	0.31	0.42	0.32	0.31	0.31	0.3	0.31	0.31	0.31
SOx	30	ppm	12	1	0.02	1.21	0.45	2.05	0.51	0	0.51	3.28	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	22.31	17.97	17.04	14.17	12.44	17.04	15.64	12.48	15.77	13.52	15.24	14.69	12.14	10.39	6.89	8.37
HCl	15	ppm	12	1	6.69	5.22	5.58	4.89	4.9	4.03	4.11	4.88	5.83	4.15	3.89	4.22	3.55	3.85	3.8	3.88
CO	50	ppm	12	1	0.22	1.19	0.24	12.41	13.44	0.24	16.6	23.59	0.42	0.33	0.36	0.24	9.94	0.41	3.12	0.58
O_2		%	0	0.1	9.89	6.58	6.5	4.66	5.38	5.61	6.03	6.11	9.62	6.75	5.96	6.29	5.73	6.15	5.9	6.06
FL1		Sm³	12	10	10,394.5	12,413.2	12,583.6	13,896.7	13,334.2	13,527.7	12,812.7	12,365.4	9,775.52	12,150.4	12,992.5	12,448.1	13,123.6	12,760.2	13,029.4	12,878.8
TMP		℃	0	1	184.74	184.79	184.49	184.08	183.84	183.69	183.44	183.53	183.77	183.68	183.89	183.92	183.77	183.95	183.91	184.04
TM1		℃	0	1	1,068.01	1,060.31	1,078.47	1,122.9	1,109.01	1,092.74	1,090.96	1,099.76	1,088.64	1,071.39	1,090.84	1,071.65	1,078.17	1,067.37	1,063.62	1,073.75
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					04-20 16:00	04-20 16:30	04-20 17:00	04-20 17:30	04-20 18:00	04-20 18:30	04-20 19:00	04-20 19:30	04-20 20:00	04-20 20:30	04-20 21:00	04-20 21:30	04-20 22:00	04-20 22:30	04-20 23:00	04-20 23:30
TSP	20	mg/Sm³	12	1	0.42	0.32	0.31	0.33	0.33	0.33	0.36	0.33	0.43	0.34	0.33	0.31	0.33	0.3	0.32	0.33
SOx	30	ppm	12	1	0	0	3.54	0.52	0.87	20.39	4.72	19.89	1.27	0.16	0.3	0.15	0	11.81	2.96	0.09
NOx	70	ppm	12	1	16.77	9.49	11.96	10.19	13.41	9.72	8.51	14.39	20.66	15.92	11.72	11.25	10.06	15.56	17.95	14.71
HCl	15	ppm	12	1	4.6	3.54	3.08	3.87	3.58	5.69	6.13	5.34	6.34	5.04	4.87	4.15	4.4	3.84	5.75	4.72
CO	50	ppm	12	1	0.55	0.27	28.52	11.34	0.29	0.41	13.66	15.52	0.25	0.24	7.95	12.39	0.43	31.75	3.26	0.28
O_2		%	0	0.1	8.69	6.66	5.84	6.87	6.51	7.21	8.08	6.7	9.97	7.11	6.81	5.85	6.91	5.11	6.11	7.03
FL1		Sm³	12	10	10,664.5	12,302.9	13,259.2	12,190.1	12,411.2	11,566.1	11,155	12,468	9,736.73	12,227	12,211.2	12,598.4	12,321.2	14,718.2	13,112.5	12,239.5
TMP		℃	0	1	183.91	183.49	182.88	182.78	182.01	181.59	180.47	180.92	181.25	181.92	182.26	181.76	181.71	182.9	183.43	182.77
TM1		℃	0	1	1,076.71	1,063.21	1,071.45	1,050.25	1,078.45	1,063.37	1,016.35	1,098.49	1,085.9	1,060.68	1,064.07	1,071.75	1,043.68	1,101.4	1,110.73	1,061.29
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.56	36.55	36.56	36.56	36.56	36.56