4월 21일 굴뚝별 트랜드

					04-21 00:00	04-21 00:30	04-21 01:00	04-21 01:30	04-21 02:00	04-21 02:30	04-21 03:00	04-21 03:30	04-21 04:00	04-21 04:30	04-21 05:00	04-21 05:30	04-21 06:00	04-21 06:30	04-21 07:00	04-21 07:30
TSP	20	mg/Sm³	12	1	0.42	0.33	0.36	0.36	0.33	0.35	0.32	0.37	0.43	0.37	0.32	0.32	0.32	0.35	0.35	0.34
SOx	30	ppm	12	1	0.02	3.23	0.41	0.46	0.54	7.46	4.87	0.18	0.44	0	3.4	0.01	0.17	0.24	0.04	1.43
NOx	70	ppm	12	1	20.52	15.96	18.06	17.4	24.25	18.6	22.47	17.84	29.89	19.16	20.5	19.79	20.26	18.07	19.89	18.04
HCl	15	ppm	12	1	5.71	6.15	6.97	6.49	6.04	7.9	6.62	8.6	7.54	6.09	5.18	4.63	3.89	3.65	3.57	3.29
CO	50	ppm	12	1	0.42	9.85	0.5	0.57	0.18	16.74	0.2	0.43	0.45	0.35	13.11	0.15	2.91	2.34	0.24	12.13
O_2		%	0	0.1	10.01	6.59	7.77	7.69	6.57	7.08	6.11	7.81	9.14	7.84	5.83	6.06	6.05	7.19	7.45	7.19
FL1		Sm³	12	10	10,299.2	13,220.2	12,097	12,288.9	13,583.8	12,937	14,039.5	12,205.7	11,026.6	12,166.7	13,837.3	13,320.8	13,294.4	12,111	12,130.5	12,625.8
TMP		℃	0	1	182.54	183.47	184.07	183.98	184.58	185.03	185	185.12	184.9	184.51	184.5	183.98	183.28	182.57	182.45	182.57
TM1		℃	0	1	1,037.11	1,062.66	1,052.38	1,026.93	1,077.17	1,054.45	1,087.29	1,024.65	1,078.87	1,025.6	1,086.88	1,081.43	1,096.05	1,045.3	1,049.09	1,065.99
TM3		℃	0	1	36.56	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.54	36.54

					04-21 08:00	04-21 08:30	04-21 09:00	04-21 09:30	04-21 10:00	04-21 10:30	04-21 11:00	04-21 11:30	04-21 12:00	04-21 12:30	04-21 13:00	04-21 13:30	04-21 14:00	04-21 14:30	04-21 15:00	04-21 15:30
TSP	20	mg/Sm³	12	1	0.43	0.33	0.35	0.35	0.33	0.33	0.36	0.33	0.42	0.33	0.3	0.34	0.33	0.32	0.42	0.32
SOx	30	ppm	12	1	16.03	2.49	1.33	0	0.42	0.25	0.08	3.55	1.26	1.03	5.63	1.79	1.87	8.41	0.3	10.63
NOx	70	ppm	12	1	20.4	13.35	13.65	13.68	15.17	23.37	13.31	14.34	21.18	18.41	21.78	25.4	26.27	34.86	20.27	20.8
HCl	15	ppm	12	1	4.63	4.05	6.32	5.39	4.26	4.87	5.57	4.96	5.1	4.33	3.54	5.08	4.79	5.12	6.81	5.48
CO	50	ppm	12	1	63.41	26.37	0.49	0.46	13.36	0.17	12.12	21.62	4.04	0.11	24.39	0.16	0.12	11.99	0.59	21.8
O_2		%	0	0.1	8.13	6.19	6.98	6.96	6.02	6.19	7.19	6.1	8.18	6.63	5.5	6.8	6.74	5.5	9.04	6.27
FL1		Sm³	12	10	11,242.8	13,921.3	13,329.8	13,300.1	14,237.2	14,007.3	13,113.2	13,752.6	11,099.2	12,496.2	13,520.3	13,069	13,174.6	15,576.3	11,567.7	13,436.2
TMP		℃	0	1	183.73	184.22	185.34	185.8	185.53	185.75	186.11	185.72	185.34	184.68	183.61	184.42	184.62	185.48	186.27	184.84
TM1		℃	0	1	1,119.79	1,069.93	1,063.03	1,056.07	1,100.43	1,108.59	1,036.27	1,070.11	1,112.53	1,109.32	1,152.51	1,122.02	1,127.59	1,172.45	1,021.48	1,101.2
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

					04-21 16:00	04-21 16:30	04-21 17:00	04-21 17:30	04-21 18:00	04-21 18:30	04-21 19:00	04-21 19:30	04-21 20:00	04-21 20:30	04-21 21:00	04-21 21:30	04-21 22:00	04-21 22:30	04-21 23:00	04-21 23:30
TSP	20	mg/Sm³	12	1	0.41	0.37	0.32	0.38	0.32	0.33	0.31	0.34	0.44	0.35	0.32	0.31	0.33	0.33	0.34	0.31
SOx	30	ppm	12	1	33.17	0.66	2.29	0	0	0.24	11.62	0.95	0.04	0	0.23	0.4	0.06	0.03	9.3	20.34
NOx	70	ppm	12	1	9.3	10.96	14.02	7.08	10.76	9.63	11.71	15.26	25.04	17.45	13.86	18.72	17.72	15.37	14.16	13.22
HCl	15	ppm	12	1	5.93	4.21	4.59	5.5	5.02	5.97	6.62	7.57	7.25	4.68	4.42	5.04	4.57	4.17	4.46	8.4
CO	50	ppm	12	1	75.98	2.6	0.64	1.06	0.58	0.41	41.56	0.37	2.47	0.28	0.35	4.07	14.45	7.29	29.71	35.81
O_2		%	0	0.1	6.4	8.01	6.6	8.42	6.32	6.49	5.3	6.44	9.72	7.09	6.44	5.69	6.42	6.48	6.07	4.84
FL1		Sm³	12	10	11,937.4	11,779.3	13,035.3	11,440	13,731.9	13,262.1	14,394.7	13,065.1	10,563.7	12,400.1	13,265.8	14,098.3	13,482.9	12,963.7	13,634.5	14,349.5
TMP		℃	0	1	185.27	184.82	184.87	184.77	185.4	185.67	186.06	186.04	185.64	184.45	183.9	184.43	184.29	183.75	183.51	184.76
TM1		℃	0	1	1,101.09	1,044.89	1,093.12	998.64	1,073.48	1,081.19	1,115.94	1,121.83	1,077.35	1,089.82	1,092.8	1,124.89	1,090.57	1,094.5	1,068.38	1,138.1
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.56	36.56	36.56	36.55	36.56	36.56	36.56	36.56	36.56

4월 22일 굴뚝별 트랜드

					04-22 00:00	04-22 00:30	04-22 01:00	04-22 01:30	04-22 02:00	04-22 02:30	04-22 03:00	04-22 03:30	04-22 04:00	04-22 04:30	04-22 05:00	04-22 05:30	04-22 06:00	04-22 06:30	04-22 07:00	04-22 07:30
TSP	20	mg/Sm³	12	1	0.42	0.29	0.35	0.37	0.37	0.35	0.34	0.34	0.44	0.36	0.33	0.37	0.34	0.35	0.32	0.37
SOx	30	ppm	12	1	4.38	18.19	0.47	1.64	0.47	0.35	0.23	0.2	5.45	0.05	4.03	0.04	9.24	1.07	0.55	0
NOx	70	ppm	12	1	19.62	4.04	9.62	5.28	6.82	6.59	7.33	11.32	26.38	15.18	21.6	14.89	15.54	13.63	17.2	11.16
HCl	15	ppm	12	1	5.94	4.26	4.56	5.18	6.38	5.95	7.09	7.19	8.65	7.46	7.71	10.43	8.13	8.33	5.71	5.31
CO	50	ppm	12	1	19.68	68.35	6.88	17.19	1.47	4.24	0.63	0.44	7.27	0.51	0.29	0.69	32.86	1.44	1.02	0.87
O_2		%	0	0.1	8.77	3.96	7.01	7.71	7.89	6.59	6.4	6.44	8.3	7.36	6.07	7.98	6.48	7.16	5.66	8.05
FL1		Sm³	12	10	11,403.5	15,388.6	13,475.3	12,397.4	12,509.5	14,425.5	14,452.8	14,281.5	11,816.8	13,189.9	14,561.6	12,457.1	14,243	13,366.8	14,627.3	11,753.2
TMP		℃	0	1	184.16	184.14	185.05	184.5	184.45	186	186.93	187.09	186.82	186.26	186.21	186.1	186.21	186.29	186	184.38
TM1		℃	0	1	1,121.55	1,100.69	1,040.01	991.43	1,011.21	1,020.29	1,038.12	1,060.13	1,119.97	1,046.44	1,098.79	1,024.25	1,055.75	1,044.63	1,098.69	1,015.88
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	36.55

					04-22 08:00	04-22 08:30	04-22 09:00	04-22 09:30	04-22 10:00	04-22 10:30	04-22 11:00	04-22 11:30	04-22 12:00	04-22 12:30	04-22 13:00	04-22 13:30	04-22 14:00	04-22 14:30	04-22 15:00	04-22 15:30
TSP	20	mg/Sm³	12	1	0.43	0.35	0.34	0.35	0.33	0.34	0.34	0.38	0.44	0.35	0.35	0.34	0.35	0.33	0.37	0.33
SOx	30	ppm	12	1	0.19	1.35	0.03	0.19	0.04	0.76	2.87	0.18	1.98	0	0.04	0.36	0.02	0.48	0	0
NOx	70	ppm	12	1	17.89	13.45	13.41	12.3	10.01	9.54	7.27	8.97	14.1	13.13	10.95	8.9	8.32	10.13	7.8	7.25
HCl	15	ppm	12	1	3.41	3.48	4.78	6.12	6.07	5.27	4.52	6.4	5.9	4.38	4.39	4.87	5.84	5.93	6.5	4.86
CO	50	ppm	12	1	47.92	27.05	0.73	0.61	0.83	16.93	1.51	0.9	13.46	0.32	0.68	7.09	0.6	1.23	0.78	0.49
O_2		%	0	0.1	7.55	6.92	6.62	6.5	6.29	6.65	6.39	7.75	8.49	7.24	7.16	6.84	7.62	6.92	7.97	6.52
FL1		Sm³	12	10	11,278.1	13,388.3	14,072.1	14,397.9	14,193.6	13,737.4	14,141	12,592.7	10,917.5	12,337	12,786.1	13,036.6	12,093.7	12,917.9	12,011	13,319.6
TMP		℃	0	1	183.15	184.09	185.37	186.27	186.61	186.31	186.11	186.42	186.47	185.9	185.88	186.78	187.02	187.04	187.02	186.47
TM1		℃	0	1	1,140.52	1,083.41	1,064.45	1,050.89	1,052.39	1,047.57	1,045.01	1,011.15	1,094.68	1,065.03	1,026.6	1,032.31	1,019.23	1,028.24	979.16	1,024.2
TM3		℃	0	1	36.55	36.55	36.55	36.56	36.55	36.55	36.56	36.56	36.55	36.55	36.55	36.56	36.55	36.55	36.55	36.55

					04-22 16:00	04-22 16:30	04-22 17:00	04-22 17:30	04-22 18:00	04-22 18:30	04-22 19:00	04-22 19:30	04-22 20:00	04-22 20:30	04-22 21:00	04-22 21:30	04-22 22:00	04-22 22:30	04-22 23:00	04-22 23:30
TSP	20	mg/Sm³	12	1	0.42	0.34	0.41	0.32	0.33	0.34	0.34	0.35	0.46	0.34	0.35	0.35	0.35	0.37	0.33	0.35
SOx	30	ppm	12	1	2.1	0	0	9.08	1.55	0.96	0	0	0	0.21	0.98	6.34	1.36	0	1.9	0.19
NOx	70	ppm	12	1	10.42	9.38	7.88	11.08	13.35	9.2	9.65	11.05	16.18	12.04	17.05	12.16	11.43	11.94	13.78	13.71
HCl	15	ppm	12	1	5.54	5.17	5.31	6.43	7.4	6.09	4.13	3.81	5.1	4.74	5.75	8.42	6.24	5.83	6.14	6.33
CO	50	ppm	12	1	0.65	0.28	1.17	24.15	0.5	32.62	0.84	0.52	0.82	0.42	0.56	24.25	23.52	0.87	19.06	0.69
O_2		%	0	0.1	8.62	7	9.27	6.01	6.2	6.37	6.83	7.26	10.28	6.85	6.55	6.91	6.77	7.88	6.07	6.91
FL1		Sm³	12	10	11,186.5	12,614.2	10,643.6	14,424.3	14,182.6	14,093.9	13,576.9	12,934.3	10,115.1	13,292.5	13,870.5	13,431.7	13,460.7	12,454.2	14,298.5	13,315.2
TMP		℃	0	1	185.74	185.92	185.37	185.38	186.79	187.08	185.86	184.87	184.81	185.37	186.16	186.47	185.99	185.09	185.16	185.55
TM1		℃	0	1	1,083.83	1,055.96	957.18	1,058.05	1,074.05	1,046.07	1,048.03	1,034.55	1,033.01	1,050.11	1,061.43	1,052.09	1,045.27	1,005.67	1,078.47	1,037.83
TM3		℃	0	1	36.55	36.55	36.56	36.56	36.56	36.56	36.56	36.56	36.56	36.55	36.56	36.56	36.56	36.55	36.55	36.55

4월 23일 굴뚝별 트랜드

					04-23 00:00	04-23 00:30	04-23 01:00	04-23 01:30	04-23 02:00	04-23 02:30	04-23 03:00	04-23 03:30	04-23 04:00	04-23 04:30	04-23 05:00	04-23 05:30	04-23 06:00	04-23 06:30	04-23 07:00	04-23 07:30
TSP	20	mg/Sm³	12	1	0.4	0.36	0.34	0.34	0.34	0.34	0.35	0.33	0.44	0.32	0.36	0.34	0.34	0.33	0.34	0.36
SOx	30	ppm	12	1	18.77	1.54	1.04	3.05	4.26	1.23	0	0.17	9.13	6.64	0.28	2.25	3.72	1.28	4.89	6.71
NOx	70	ppm	12	1	17.6	10.13	7.71	10.15	9.42	8.07	11.79	15.46	18.29	15.46	14.21	16.72	17.09	16.58	14.81	16.66
HCl	15	ppm	12	1	6.42	7.42	5.35	6.65	8.56	6.59	6.58	5.67	7.61	7.67	7.92	7.28	8.84	6.96	8.95	9.32
CO	50	ppm	12	1	70.62	2.95	15.85	11.99	15.36	12.55	0.59	0.66	48.27	34.99	0.92	4.49	0.37	26.82	0.62	22.8
O_2		%	0	0.1	6.49	7.16	6.03	6.24	6.27	6.47	6.7	6.11	8.55	5.1	7	5.85	6.39	5.76	6.46	7.14
FL1		Sm³	12	10	14,080.1	13,092.2	14,446.1	14,415.6	14,175.4	14,093	14,023.6	14,573.1	11,585.9	15,970.1	13,802.2	15,093.8	14,501.4	15,192.3	13,267.1	12,221
TMP		℃	0	1	185.95	186.61	186.52	186.74	187.42	186.97	186.58	186.32	185.85	187.06	187.24	186.79	186.62	186.84	185.67	184.42
TM1		℃	0	1	1,110.55	1,048.62	1,054.61	1,059.87	1,063.92	1,049.69	1,051.89	1,067.31	1,102.18	1,118.02	1,046.11	1,096.67	1,077.81	1,094.04	1,085.85	1,090.01
TM3		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.54	36.52	36.51	36.52	36.51	36.52	36.52	36.54

					04-23 08:00	04-23 08:30	04-23 09:00	04-23 09:30	04-23 10:00	04-23 10:30	04-23 11:00	04-23 11:30	04-23 12:00	04-23 12:30	04-23 13:00	04-23 13:30	04-23 14:00	04-23 14:30	04-23 15:00	04-23 15:30
TSP	20	mg/Sm³	12	1	0.46	0.33	0.37	0.34	0.36	0.33	0.34	0.34	0.43	0.32	0.35	0.31	0.34	0.34	0.38	0.36
SOx	30	ppm	12	1	0.01	0	1.91	4.26	0	0.4	0.03	0.16	0.81	0.01	0	0.05	5.82	0.02	0.15	0
NOx	70	ppm	12	1	17.74	20.31	16.54	15.85	15.71	16.9	11.38	17.98	23.98	21.79	12.81	20.62	15.61	15.09	11.96	10.15
HCl	15	ppm	12	1	10.73	5.28	6.83	9.2	6.85	5.39	5.83	4.93	5.87	4.6	4.73	4.5	5.34	5.44	5.18	4.27
CO	50	ppm	12	1	0.62	0.32	2.4	15.59	0.48	24.68	14.45	19.06	9.65	4.81	1.54	0.24	29.3	4.63	0.62	11.32
O_2		%	0	0.1	9.92	6.57	7.81	7.01	7.56	6.49	6.78	6.54	8.96	6.14	7.51	5.97	6.53	7.06	8.44	7.91
FL1		Sm³	12	10	9,785.08	12,818	11,497	11,944.9	11,694.8	13,439.2	12,887.6	13,102.8	10,736	13,738.7	12,291.9	13,605.8	12,836.6	12,447.1	10,746.8	11,031.5
TMP		℃	0	1	183.83	183.85	183.41	183.38	182.7	183.48	184.42	184.7	184.72	184.9	184.6	185.08	184.95	184.76	184.09	182.86
TM1		℃	0	1	1,085.87	1,118.02	1,088.31	1,098.71	1,075.36	1,071.01	1,064.65	1,091.71	1,116.49	1,099.91	1,039.99	1,091.64	1,086.29	1,083.73	1,049.36	1,047.23
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	36.56

					04-23 16:00	04-23 16:30	04-23 17:00	04-23 17:30	04-23 18:00	04-23 18:30	04-23 19:00	04-23 19:30	04-23 20:00	04-23 20:30	04-23 21:00	04-23 21:30	04-23 22:00	04-23 22:30	04-23 23:00	04-23 23:30
TSP	20	mg/Sm³	12	1	0.4	0.35	0.34	0.37	0.3	0.33	0.33	0.32	0.42	0.31	0.3	0.33	0.32	0.31	0.33	0.34
SOx	30	ppm	12	1	8.89	2.04	0.14	0	0.19	0.04	0	0.43	0	1.35	0	0.01	0.2	0.43	0.35	0
NOx	70	ppm	12	1	16.42	15.48	13.52	9.56	8.71	11.37	7.84	5.89	8.68	7.11	5.35	4.76	4.39	4.82	5.54	6.02
HCl	15	ppm	12	1	5.9	8.32	6.18	6.8	5.23	5.68	5.47	5.29	6.4	5.72	4.39	4.45	4.49	5.21	5.88	6.43
CO	50	ppm	12	1	29.59	6.57	13.07	0.75	29.68	0.48	6.6	20.4	0.87	4.42	32.56	20.96	23.17	7.96	0.96	0.4
O_2		%	0	0.1	8.55	7.57	7.38	8.09	5.24	6.59	6.75	5.91	8.85	5.59	5.2	6.26	6.04	5.65	6.7	6.82
FL1		Sm³	12	10	10,975.8	11,478.6	12,062.4	11,163.2	13,432.3	12,423.5	12,585.8	13,167.8	10,929.8	13,682.2	14,118.2	13,010.4	13,465	13,345.8	12,356.2	12,600.6
TMP		℃	0	1	182.97	183.61	184.4	184.51	184.06	184.27	184.46	184.6	184.07	183.64	184.2	183.95	184.13	184.29	184.62	184.8
TM1		℃	0	1	1,121.81	1,071.87	1,033.43	1,006.53	1,096.26	1,080.68	1,049.44	1,055.55	1,049.13	1,075.73	1,085.84	1,052.15	1,045.9	1,083.1	1,062.7	1,045.66
TM3		℃	0	1	36.55	36.55	36.56	36.56	36.55	36.56	36.56	36.55	36.56	36.56	36.56	36.56	36.56	36.56	36.57	36.57