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	0.57	0.46	0.45	0.47	0.46	0.43	0.42	0.41	0.58	0.47	0.41	0.42	0.42	0.42	0.44	0.49
SOx	30	ppm	12	1	0.00	0.41	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.71	0.28	0.19	0.00
NOx	70	ppm	12	1	27.15	28.04	25.86	21.66	21.95	20.85	23.84	22.04	26.92	14.82	16.59	19.15	18.76	25.49	25.62	25.12
HCl	15	ppm	12	1	5.43	4.10	7.07	4.76	4.91	3.38	2.81	2.71	4.20	1.94	2.51	3.79	5.16	4.47	4.57	4.76
CO	50	ppm	12	1	0.69	0.40	0.25	0.50	0.79	0.46	0.27	0.34	0.50	2.75	5.47	0.34	3.60	0.36	0.21	0.49
O_2		%	0	0.1	10.07	7.26	6.95	7.77	7.52	6.75	6.35	5.97	10.18	7.68	5.97	6.01	6.40	6.28	6.79	8.40
FL1		Sm³	12	10	11,639	14,023	14,228	13,563	13,961	14,203	14,686	14,970	10,368	13,055	15,186	15,512	14,988	14,986	14,201	12,680
TMP		℃	0	1	182.35	181.84	181.75	181.87	182.21	181.48	181.28	181.34	180.94	179.19	179.31	181.42	181.93	181.58	181.46	180.96
TM1		℃	0	1	1,064.79	1,062.23	1,091.94	1,039.63	1,034.21	1,044.87	1,074.72	1,085.52	1,059.26	994.40	1,059.57	1,063.93	1,073.44	1,096.05	1,097.73	1,026.93
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.22	36.21

					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	0.58	0.45	0.40	0.33	0.33	0.32	0.32	0.32	0.32	0.32	0.30	0.30	0.31	0.31	0.30	0.47
SOx	30	ppm	12	1	0.13	0.00	0.00	0.00	0.47	8.09	12.64	0.07	0.04	0.03	0.24	0.42	0.26	0.00	0.15	0.19
NOx	70	ppm	12	1	31.90	23.61	39.55	37.99	13.54	17.62	27.93	1.05	0.36	0.24	1.01	1.28	43.63	50.88	45.33	18.51
HCl	15	ppm	12	1	5.83	3.96	3.37	4.99	2.58	7.99	10.07	0.12	0.18	0.26	0.20	0.11	5.11	8.98	6.37	6.22
CO	50	ppm	12	1	0.53	0.26	0.21	0.32	0.10	21.38	34.17	0.00	0.00	0.00	0.00	0.00	0.08	0.35	0.18	0.72
O_2		%	0	0.1	9.58	7.08	9.30	7.15	15.87	6.60	11.60	21.01	20.97	20.90	20.87	20.70	12.63	8.03	10.37	9.31
FL1		Sm³	12	10	11,194	14,056	15,788	18,476	17,550	17,619	17,808	17,548	17,597	17,714	17,177	17,049	17,678	18,075	17,704	10,818
TMP		℃	0	1	180.64	181.84	181.81	181.90	181.36	180.21	180.52	180.84	180.38	180.86	180.27	179.92	180.09	182.35	183.14	182.19
TM1		℃	0	1	1,078.46	1,079.17	1,087.00	1,085.15	1,051.31	1,091.83	1,061.25	1,031.01	1,082.04	1,056.26	1,099.30	1,038.16	1,095.96	1,041.65	1,063.83	1,012.83
TM3		℃	0	1	36.21	36.21	36.22	36.23	36.26	36.24	36.24	36.24	36.24	36.23	36.24	36.23	36.24	36.24	36.23	36.22

					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	0.50	0.42	0.40	0.42	0.39	0.39	0.36	0.42	0.56	0.44	0.43	0.46	0.44	0.43	0.45	0.44
SOx	30	ppm	12	1	0.00	0.00	0.00	3.97	0.00	0.00	0.76	1.65	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	27.63	23.97	29.31	28.97	17.58	19.93	29.66	29.35	31.63	24.28	23.88	21.35	21.43	21.42	21.48	23.02
HCl	15	ppm	12	1	5.54	5.48	4.55	10.25	2.60	2.79	5.56	12.10	13.51	6.41	5.13	3.64	3.12	2.84	5.15	3.66
CO	50	ppm	12	1	0.65	0.43	0.23	0.41	0.50	0.19	0.09	0.19	0.63	0.52	18.15	0.52	0.44	0.51	0.48	0.35
O_2		%	0	0.1	9.78	7.51	6.72	7.20	7.06	7.60	5.95	7.28	11.09	7.95	7.21	7.63	7.26	7.18	7.39	7.20
FL1		Sm³	12	10	10,886	13,233	14,409	13,638	12,647	12,448	14,530	13,518	10,585	13,004	13,978	13,621	14,052	14,187	13,998	13,878
TMP		℃	0	1	180.74	181.45	183.04	184.01	181.19	179.56	181.69	182.53	182.84	182.54	182.82	183.12	183.32	182.90	183.19	183.08
TM1		℃	0	1	1,052.92	1,057.86	1,075.89	1,088.05	1,053.19	1,076.83	1,124.22	1,104.51	1,022.67	1,047.29	1,061.16	1,033.16	1,037.29	1,030.15	1,038.93	1,054.86
TM3		℃	0	1	36.24	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

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	0.58	0.45	0.40	0.42	0.42	0.45	0.48	0.43	0.56	0.44	0.47	0.47	0.44	0.46	0.48	0.39
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	14.01
NOx	70	ppm	12	1	24.79	19.94	16.50	16.89	28.19	23.43	13.01	18.42	34.03	27.11	26.89	23.48	28.91	29.17	27.17	32.17
HCl	15	ppm	12	1	4.22	2.92	2.41	2.73	2.30	2.57	2.21	1.82	3.98	2.66	2.38	2.35	2.40	2.79	2.45	4.52
CO	50	ppm	12	1	0.78	0.71	0.29	0.24	0.18	0.36	0.82	0.36	0.29	0.23	0.31	0.31	0.30	0.33	0.58	39.30
O_2		%	0	0.1	10.80	7.84	6.52	6.84	6.38	7.55	8.37	6.63	9.14	6.86	7.75	7.76	6.59	7.65	8.15	4.98
FL1		Sm³	12	10	10,620	12,981	14,393	13,919	14,698	13,279	12,543	14,806	11,996	14,413	13,370	13,300	14,750	13,367	12,909	16,746
TMP		℃	0	1	182.50	180.81	180.01	181.09	181.69	181.74	181.12	181.15	182.36	182.54	182.02	181.81	181.61	181.83	181.38	180.91
TM1		℃	0	1	1,020.33	999.68	1,047.61	1,052.62	1,091.03	1,044.87	987.88	1,026.45	1,057.44	1,066.03	1,041.17	1,043.09	1,076.89	1,055.55	1,025.29	1,121.10
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.23	36.22	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					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	0.58	0.44	0.45	0.47	0.44	0.45	0.42	0.42	0.55	0.45	0.40	0.44	0.46	0.44	0.40	0.38
SOx	30	ppm	12	1	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13	1.01	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	45.43	28.60	26.76	26.38	30.92	24.16	29.16	23.96	27.01	28.09	31.31	25.94	23.84	17.43	21.54	20.97
HCl	15	ppm	12	1	9.38	5.95	5.30	8.76	5.64	4.60	2.16	2.24	2.54	1.67	3.55	8.68	3.00	1.52	1.24	1.26
CO	50	ppm	12	1	0.90	0.32	0.46	0.54	0.79	0.97	0.37	0.25	0.47	0.41	0.46	0.40	0.66	0.81	0.43	0.30
O_2		%	0	0.1	10.44	6.78	7.72	8.14	7.35	7.49	6.99	7.07	10.44	8.09	6.44	7.81	8.64	8.35	7.43	7.09
FL1		Sm³	12	10	11,665	14,955	13,987	13,234	14,452	14,197	14,498	14,470	11,315	13,369	15,972	13,425	12,518	12,913	13,911	13,809
TMP		℃	0	1	182.89	183.41	183.55	183.36	183.17	183.81	183.10	182.64	183.39	183.61	184.83	185.32	183.64	181.95	181.32	182.03
TM1		℃	0	1	1,062.27	1,087.01	1,046.01	1,038.45	1,055.57	1,048.62	1,068.42	1,059.75	1,039.59	1,025.47	1,091.75	1,062.33	1,003.05	989.32	1,027.32	1,062.36
TM3		℃	0	1	36.24	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24

					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	0.49	0.42	0.39	0.40	0.43	0.40	0.41	0.44	0.54	0.39	0.42	0.42	0.44	0.41	0.44	0.44
SOx	30	ppm	12	1	0.04	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	24.40	23.17	22.00	24.17	24.28	22.55	29.49	23.01	27.65	29.35	28.80	28.18	21.04	23.62	26.10	22.74
HCl	15	ppm	12	1	1.91	2.38	2.03	2.17	2.47	2.01	2.44	4.22	4.75	2.61	3.04	2.28	2.47	1.90	2.86	2.46
CO	50	ppm	12	1	0.52	0.52	0.31	0.36	0.48	0.33	0.32	0.52	0.83	0.28	0.40	6.67	0.54	0.42	0.37	0.34
O_2		%	0	0.1	9.80	7.79	6.95	7.02	7.65	6.56	7.04	7.90	10.58	6.55	7.45	7.09	7.48	6.82	7.47	7.54
FL1		Sm³	12	10	11,637	13,348	13,974	14,237	13,502	14,645	14,296	13,293	10,772	14,667	13,738	14,219	13,799	14,306	13,691	13,363
TMP		℃	0	1	182.97	183.63	183.79	184.35	184.56	183.98	183.99	184.01	183.79	183.65	183.77	183.94	184.05	183.64	183.87	183.63
TM1		℃	0	1	1,035.16	1,027.13	1,052.44	1,055.68	1,032.77	1,061.76	1,063.40	1,027.65	1,010.46	1,077.85	1,047.57	1,051.71	1,029.21	1,057.43	1,059.53	1,074.67
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.24	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

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	0.51	0.43	0.40	0.45	0.44	0.44	0.47	0.42	0.56	0.44	0.41	0.47	0.43	0.47	0.44	0.44
SOx	30	ppm	12	1	0.78	0.10	1.01	0.00	0.18	0.02	0.00	0.00	0.90	0.06	1.02	0.00	0.01	0.00	0.15	0.80
NOx	70	ppm	12	1	32.83	22.95	25.38	27.02	26.00	31.92	25.29	25.83	29.86	22.60	30.79	25.34	24.65	15.17	19.87	21.34
HCl	15	ppm	12	1	2.90	6.82	3.68	3.97	3.39	2.60	2.28	1.41	2.62	1.56	2.49	3.21	2.57	2.54	2.35	2.86
CO	50	ppm	12	1	0.30	0.31	1.67	0.54	12.69	2.00	0.50	0.50	19.96	0.55	0.86	0.58	0.39	0.62	0.56	0.50
O_2		%	0	0.1	9.01	7.22	5.95	7.44	6.70	6.62	7.84	6.40	9.47	7.07	5.76	7.70	6.33	7.96	6.84	6.90
FL1		Sm³	12	10	11,969	13,878	15,413	13,719	14,713	14,801	13,473	14,942	11,621	14,094	15,699	13,694	15,244	13,289	14,582	14,737
TMP		℃	0	1	182.80	182.72	183.18	183.07	183.18	183.48	183.06	182.12	182.20	181.05	181.66	182.47	182.84	182.70	182.32	183.23
TM1		℃	0	1	1,107.61	1,073.72	1,104.62	1,061.13	1,084.74	1,080.71	1,038.77	1,079.14	1,059.61	1,066.13	1,132.81	1,039.17	1,084.05	1,002.76	1,052.23	1,041.43
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24	36.23	36.23	36.22	36.21	36.21	36.21	36.22	36.24

					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	0.54	0.41	0.43	0.42	0.43	0.38	0.42	0.38	0.50	0.39	0.41	0.39	0.38	0.39	0.38	0.38
SOx	30	ppm	12	1	28.74	0.00	0.00	0.00	0.00	0.14	0.00	0.50	1.61	0.00	0.02	1.29	1.30	0.01	0.00	0.26
NOx	70	ppm	12	1	32.90	26.10	20.53	19.75	17.74	19.62	16.19	20.36	30.71	20.46	15.89	17.71	17.51	21.59	23.61	18.84
HCl	15	ppm	12	1	13.48	3.68	2.55	1.88	2.16	3.14	4.09	4.39	6.75	3.46	3.66	4.51	5.26	5.31	4.25	5.09
CO	50	ppm	12	1	43.86	0.19	0.21	0.24	0.48	4.77	0.38	1.22	0.40	0.66	0.60	0.45	0.47	0.36	0.26	0.25
O_2		%	0	0.1	7.85	5.90	7.16	6.98	7.56	6.03	7.67	6.34	9.24	6.46	7.64	7.33	7.08	7.01	6.83	6.60
FL1		Sm³	12	10	12,523	15,215	13,686	13,872	13,551	15,016	13,190	14,833	12,091	14,737	13,248	13,569	13,917	13,957	13,955	14,069
TMP		℃	0	1	183.85	183.39	182.71	182.64	182.97	183.64	183.70	183.57	184.38	184.92	184.74	184.55	184.92	185.16	184.69	183.77
TM1		℃	0	1	1,148.45	1,124.57	1,084.77	1,080.97	1,044.66	1,093.59	1,036.75	1,077.92	1,084.47	1,063.07	1,024.27	1,027.92	1,041.59	1,056.93	1,075.31	1,084.99
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					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	0.50	0.39	0.45	0.36	0.42	0.39	0.42	0.41	0.56	0.42	0.44	0.45	0.42	0.43	0.41	0.46
SOx	30	ppm	12	1	0.00	0.00	0.00	3.51	0.12	0.00	0.00	0.15	0.63	0.44	4.73	0.00	0.54	0.00	0.78	0.00
NOx	70	ppm	12	1	29.12	19.82	15.02	25.09	13.32	19.42	16.42	17.36	25.33	21.14	16.97	21.22	13.83	21.65	19.36	15.90
HCl	15	ppm	12	1	4.98	2.39	2.31	2.11	4.48	2.51	2.80	3.40	5.52	2.67	6.28	3.21	4.01	2.77	4.42	4.24
CO	50	ppm	12	1	0.30	0.38	0.74	17.67	0.71	0.52	0.56	0.74	4.82	0.86	14.71	0.69	7.41	0.47	0.73	0.81
O_2		%	0	0.1	9.89	7.05	8.50	5.21	7.09	6.09	7.45	6.83	9.60	6.95	6.99	7.27	6.55	6.96	6.31	7.91
FL1		Sm³	12	10	11,096	13,884	12,577	16,848	14,488	15,502	14,066	15,035	11,677	15,087	14,745	14,533	15,032	14,673	15,548	13,565
TMP		℃	0	1	183.77	183.88	183.80	184.40	185.45	185.42	185.07	184.92	185.67	185.78	185.57	185.23	185.39	185.48	185.34	184.94
TM1		℃	0	1	1,068.38	1,051.21	979.11	1,088.74	1,033.38	1,074.58	1,015.29	1,022.83	1,047.21	1,016.73	1,026.90	1,001.29	1,030.48	1,026.21	1,064.17	985.23
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25