4월 16일 굴뚝별 트랜드

					04-16 00:00	04-16 00:30	04-16 01:00	04-16 01:30	04-16 02:00	04-16 02:30	04-16 03:00	04-16 03:30	04-16 04:00	04-16 04:30	04-16 05:00	04-16 05:30	04-16 06:00	04-16 06:30	04-16 07:00	04-16 07:30
TSP	20	mg/Sm³	12	1	0.56	0.45	0.42	0.45	0.45	0.45	0.47	0.44	0.57	0.46	0.51	0.45	0.49	0.48	0.45	0.51
SOx	30	ppm	12	1	1.07	0.03	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.37	1.74	0.32	0.00	0.00
NOx	70	ppm	12	1	23.13	19.08	19.69	18.07	22.49	22.67	19.42	23.82	25.11	18.53	19.38	18.69	18.93	21.91	22.75	17.19
HCl	15	ppm	12	1	4.00	2.24	2.38	2.73	2.01	2.44	3.22	2.30	3.88	3.79	2.88	2.74	3.01	3.97	3.56	3.96
CO	50	ppm	12	1	8.73	17.64	19.08	0.59	0.43	0.41	0.68	0.49	0.52	0.71	0.81	4.44	21.26	0.41	0.27	2.35
O_2		%	0	0.1	9.17	7.06	5.91	7.12	7.13	6.80	7.45	6.77	9.58	7.22	8.26	6.48	7.44	7.73	6.85	8.19
FL1		Sm³	12	10	11,607	14,748	16,035	14,513	14,583	14,847	14,027	14,954	12,463	14,381	13,184	15,308	14,106	13,799	14,890	13,062
TMP		℃	0	1	181.73	181.64	183.59	182.86	182.35	182.49	182.33	182.19	182.11	182.21	181.21	180.44	180.58	180.30	181.52	181.11
TM1		℃	0	1	1,064.03	1,027.14	1,077.20	1,041.61	1,040.52	1,050.76	1,042.07	1,060.07	1,038.85	1,048.17	979.29	1,057.28	999.72	1,045.53	1,073.32	1,017.11
TM3		℃	0	1	36.24	36.25	36.25	36.25	36.24	36.23	36.23	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-16 08:00	04-16 08:30	04-16 09:00	04-16 09:30	04-16 10:00	04-16 10:30	04-16 11:00	04-16 11:30	04-16 12:00	04-16 12:30	04-16 13:00	04-16 13:30	04-16 14:00	04-16 14:30	04-16 15:00	04-16 15:30
TSP	20	mg/Sm³	12	1	0.60	0.42	0.44	0.44	0.45	0.43	0.42	0.43	0.58	0.43	0.43	0.41	0.45	0.46	0.44	0.41
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	0.02	0.15	0.00	0.00	0.00	0.01
NOx	70	ppm	12	1	26.43	15.89	17.49	16.07	13.82	16.69	18.28	16.80	27.41	21.76	20.89	21.65	21.28	20.52	16.28	21.34
HCl	15	ppm	12	1	4.23	2.62	1.99	1.53	1.33	1.55	1.18	1.88	2.70	1.98	2.61	2.29	2.70	1.86	2.51	2.41
CO	50	ppm	12	1	0.78	0.76	4.73	0.71	0.56	1.04	2.09	0.65	0.45	0.43	1.79	18.15	0.49	2.35	3.04	5.31
O_2		%	0	0.1	10.47	6.22	6.63	7.00	6.98	6.36	5.73	6.19	9.12	6.44	6.19	5.56	7.11	7.43	6.77	5.70
FL1		Sm³	12	10	12,033	15,657	14,838	14,638	14,822	15,358	16,312	15,674	12,158	15,249	15,428	16,013	14,343	14,373	14,946	16,096
TMP		℃	0	1	181.11	182.32	181.24	181.48	182.10	182.77	183.44	183.96	184.15	183.99	184.08	184.09	183.89	183.48	183.68	184.41
TM1		℃	0	1	1,009.81	1,038.91	1,042.14	1,029.87	1,004.07	1,042.28	1,060.39	1,057.89	1,074.21	1,058.37	1,067.19	1,114.06	1,073.53	1,005.67	1,042.51	1,097.57
TM3		℃	0	1	36.21	36.24	36.25	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-16 16:00	04-16 16:30	04-16 17:00	04-16 17:30	04-16 18:00	04-16 18:30	04-16 19:00	04-16 19:30	04-16 20:00	04-16 20:30	04-16 21:00	04-16 21:30	04-16 22:00	04-16 22:30	04-16 23:00	04-16 23:30
TSP	20	mg/Sm³	12	1	0.54	0.45	0.44	0.44	0.43	0.49	0.46	0.45	0.59	0.50	0.48	0.45	0.46	0.44	0.51	0.46
SOx	30	ppm	12	1	0.47	0.00	0.00	0.00	1.24	0.00	0.00	0.00	0.00	0.00	0.24	6.32	3.72	4.45	0.18	0.16
NOx	70	ppm	12	1	17.75	18.65	17.00	17.52	20.04	15.10	13.19	12.39	16.69	11.10	12.41	10.17	10.55	10.70	11.15	10.87
HCl	15	ppm	12	1	3.25	2.23	1.57	1.66	1.50	1.65	0.53	1.20	2.36	1.50	2.17	3.61	4.08	2.58	3.55	0.98
CO	50	ppm	12	1	1.63	0.39	0.78	0.95	32.30	0.71	1.96	0.48	0.56	0.98	1.06	1.07	1.02	0.80	0.73	1.34
O_2		%	0	0.1	9.06	6.97	7.12	6.62	5.94	8.29	7.31	7.08	9.96	8.45	7.75	6.83	7.08	6.34	8.43	7.01
FL1		Sm³	12	10	13,098	14,459	14,610	15,190	16,486	13,035	14,391	14,509	11,391	12,921	14,468	15,508	15,330	16,105	13,425	15,233
TMP		℃	0	1	183.85	182.92	183.13	183.67	184.20	183.47	181.89	182.17	182.88	182.58	181.80	183.30	184.57	184.67	184.00	182.78
TM1		℃	0	1	1,051.68	1,039.91	1,008.80	1,040.14	1,072.51	992.54	996.17	1,003.82	1,021.41	944.73	978.63	1,000.21	1,001.07	1,028.52	974.92	1,007.19
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	36.21	36.21

4월 17일 굴뚝별 트랜드

					04-17 00:00	04-17 00:30	04-17 01:00	04-17 01:30	04-17 02:00	04-17 02:30	04-17 03:00	04-17 03:30	04-17 04:00	04-17 04:30	04-17 05:00	04-17 05:30	04-17 06:00	04-17 06:30	04-17 07:00	04-17 07:30
TSP	20	mg/Sm³	12	1	0.61	0.46	0.44	0.44	0.48	0.42	0.43	0.43	0.61	0.46	0.42	0.48	0.45	0.43	0.45	0.43
SOx	30	ppm	12	1	0.85	2.68	6.43	2.17	0.54	4.14	0.00	0.39	0.00	0.37	2.20	0.00	0.00	0.39	0.04	0.16
NOx	70	ppm	12	1	16.50	11.94	15.62	18.31	20.73	28.00	20.11	21.82	25.05	22.46	24.72	21.02	19.10	21.23	17.63	21.75
HCl	15	ppm	12	1	2.88	1.18	3.97	3.93	4.99	3.26	4.64	2.50	3.07	1.39	3.16	4.56	2.63	2.63	3.69	3.65
CO	50	ppm	12	1	0.68	1.11	0.30	0.25	0.23	0.17	0.22	6.72	0.59	0.51	5.16	0.50	0.50	0.44	1.23	0.60
O_2		%	0	0.1	10.21	6.72	6.21	6.39	7.67	5.81	6.19	5.94	10.60	6.92	5.83	7.39	6.63	5.92	6.42	6.05
FL1		Sm³	12	10	11,775	15,726	16,331	16,097	14,218	16,614	15,086	16,078	11,424	14,998	16,342	14,383	15,415	16,327	15,701	15,938
TMP		℃	0	1	183.42	183.55	183.72	184.21	183.42	183.80	183.10	182.61	182.93	182.73	182.89	182.81	182.72	183.27	183.56	183.52
TM1		℃	0	1	998.47	1,009.19	1,060.96	1,060.37	1,046.20	1,104.42	1,088.87	1,098.05	1,039.10	1,043.87	1,092.66	1,029.68	1,044.48	1,067.18	1,043.39	1,082.75
TM3		℃	0	1	36.23	36.22	36.23	36.23	36.24	36.25	36.24	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					04-17 08:00	04-17 08:30	04-17 09:00	04-17 09:30	04-17 10:00	04-17 10:30	04-17 11:00	04-17 11:30	04-17 12:00	04-17 12:30	04-17 13:00	04-17 13:30	04-17 14:00	04-17 14:30	04-17 15:00	04-17 15:30
TSP	20	mg/Sm³	12	1	0.57	0.47	0.45	0.47	0.47	0.47	0.42	0.46	0.58	0.48	0.42	0.44	0.42	0.43	0.51	0.42
SOx	30	ppm	12	1	4.82	0.00	0.03	0.10	0.00	1.39	8.47	0.00	0.00	4.89	1.71	0.04	0.00	1.25	0.00	1.47
NOx	70	ppm	12	1	34.56	24.61	25.30	24.43	23.81	19.99	26.26	21.46	33.22	25.06	26.92	23.71	17.70	23.84	20.67	23.01
HCl	15	ppm	12	1	4.61	2.80	1.72	1.57	4.13	5.44	11.79	10.98	5.10	12.08	7.50	7.67	5.59	8.16	9.90	5.45
CO	50	ppm	12	1	21.76	2.93	9.30	2.47	0.56	17.38	0.41	0.42	0.65	0.87	24.04	0.55	0.90	1.56	1.03	10.61
O_2		%	0	0.1	8.46	7.22	6.65	7.57	7.60	7.29	5.96	7.56	10.55	7.90	6.35	7.17	6.46	6.48	8.69	6.22
FL1		Sm³	12	10	13,140	14,596	15,247	13,899	13,922	14,410	16,046	13,286	11,150	13,340	15,160	14,220	15,229	15,369	12,858	16,001
TMP		℃	0	1	183.47	182.99	182.65	181.92	182.01	182.60	183.17	182.18	180.92	181.92	181.35	182.09	182.67	182.83	183.58	183.93
TM1		℃	0	1	1,117.07	1,066.53	1,071.57	1,031.34	1,036.82	1,034.74	1,059.04	1,041.45	1,043.47	1,030.95	1,078.91	1,065.88	1,058.67	1,070.30	1,000.11	1,047.29
TM3		℃	0	1	36.25	36.25	36.24	36.22	36.21	36.21	36.21	36.21	36.23	36.24	36.24	36.25	36.25	36.25	36.25	36.25

					04-17 16:00	04-17 16:30	04-17 17:00	04-17 17:30	04-17 18:00	04-17 18:30	04-17 19:00	04-17 19:30	04-17 20:00	04-17 20:30	04-17 21:00	04-17 21:30	04-17 22:00	04-17 22:30	04-17 23:00	04-17 23:30
TSP	20	mg/Sm³	12	1	0.57	0.42	0.43	0.45	0.45	0.45	0.39	0.45	0.56	0.49	0.47	0.46	0.49	0.49	0.41	0.44
SOx	30	ppm	12	1	1.14	0.01	4.66	0.00	0.00	1.23	6.20	0.00	0.00	0.00	0.00	0.00	0.00	0.03	1.28	0.01
NOx	70	ppm	12	1	30.82	25.48	21.45	21.72	22.64	21.84	25.73	25.13	32.41	23.62	23.52	30.77	22.54	24.91	20.89	20.09
HCl	15	ppm	12	1	13.55	4.69	7.63	8.31	5.11	3.65	8.78	6.90	5.14	5.08	4.22	5.25	5.50	7.63	6.12	4.95
CO	50	ppm	12	1	0.62	0.46	19.17	0.54	0.48	10.88	20.31	0.46	0.58	0.66	0.55	0.52	0.93	0.79	1.02	0.68
O_2		%	0	0.1	9.93	6.52	6.49	7.08	7.33	7.40	5.13	7.22	9.93	7.96	7.19	7.07	7.78	7.76	5.48	6.94
FL1		Sm³	12	10	11,920	15,376	15,519	14,603	14,284	14,333	16,900	14,426	12,292	13,744	14,748	15,039	14,157	14,303	16,521	14,411
TMP		℃	0	1	184.84	184.66	184.25	184.59	184.27	183.92	184.11	183.85	182.98	183.21	184.00	183.98	183.87	182.91	182.67	182.40
TM1		℃	0	1	1,053.16	1,065.46	1,063.62	1,049.63	1,036.93	1,015.50	1,128.44	1,053.01	1,013.98	1,016.15	1,023.85	1,037.07	993.88	986.07	1,065.15	1,026.49
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21

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	0.58	0.44	0.44	0.41	0.47	0.48	0.44	0.49	0.59	0.46	0.45	0.42	0.45	0.43	0.44	0.42
SOx	30	ppm	12	1	0.00	0.00	0.22	4.54	0.00	0.00	0.91	0.01	0.47	6.67	0.00	1.78	2.26	0.00	0.00	0.31
NOx	70	ppm	12	1	33.24	22.65	21.89	31.42	20.29	23.14	26.54	21.71	22.21	21.74	22.55	23.35	23.88	24.49	20.83	25.62
HCl	15	ppm	12	1	2.86	2.36	2.25	5.79	6.13	2.63	3.15	8.94	8.78	12.12	6.38	5.62	10.70	5.95	8.21	8.00
CO	50	ppm	12	1	3.04	0.46	0.52	1.10	0.51	0.80	0.91	0.84	1.23	3.78	0.59	1.13	0.56	2.31	0.96	0.80
O_2		%	0	0.1	9.06	6.68	6.66	5.35	7.80	8.07	6.95	7.89	9.97	7.05	6.86	5.33	6.65	6.35	6.32	5.95
FL1		Sm³	12	10	12,012	14,651	15,000	16,682	13,263	13,216	14,945	13,978	12,174	15,592	15,368	17,130	15,465	15,336	15,144	15,423
TMP		℃	0	1	182.35	182.19	182.49	183.42	182.23	180.19	179.45	181.39	181.43	182.51	182.94	183.10	183.19	182.47	182.08	182.03
TM1		℃	0	1	1,084.75	1,053.59	1,044.63	1,119.47	1,024.47	1,012.03	1,032.45	1,004.19	988.27	1,037.23	1,022.97	1,090.49	1,060.62	1,047.48	1,060.05	1,084.99
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.22	36.23	36.24	36.25	36.25	36.24	36.23

					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	0.55	0.42	0.43	0.43	0.45	0.41	0.43	0.46	0.54	0.45	0.41	0.43	0.45	0.42	0.45	0.45
SOx	30	ppm	12	1	0.00	0.00	0.54	0.25	0.00	0.28	0.00	0.00	0.00	0.00	0.99	1.57	0.00	0.00	0.08	1.73
NOx	70	ppm	12	1	31.49	23.75	20.14	19.50	19.80	20.59	20.92	21.39	21.64	20.35	25.91	24.17	20.26	23.81	20.87	22.18
HCl	15	ppm	12	1	10.02	4.99	7.66	3.96	4.78	3.66	6.00	4.95	4.93	4.28	11.29	10.86	5.73	3.57	4.51	8.78
CO	50	ppm	12	1	0.40	0.31	3.30	31.11	1.33	8.09	0.22	4.42	0.52	0.55	0.34	2.53	0.55	0.74	0.63	0.56
O_2		%	0	0.1	8.65	6.24	6.49	6.53	7.22	5.70	6.53	6.79	9.95	7.96	6.84	6.75	7.56	7.00	7.95	7.65
FL1		Sm³	12	10	12,435	15,363	14,684	14,650	13,802	15,720	14,536	14,041	11,204	12,659	13,933	14,046	12,959	13,561	13,153	13,398
TMP		℃	0	1	182.09	182.54	182.57	181.55	181.14	181.87	182.60	182.40	181.33	179.85	179.55	182.78	183.20	180.24	180.28	181.74
TM1		℃	0	1	1,098.04	1,071.28	1,080.63	1,042.29	1,066.39	1,076.69	1,090.97	1,093.17	1,046.65	1,046.81	1,073.18	1,084.22	1,057.91	1,085.80	1,034.45	1,082.01
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.22	36.22	36.23	36.24	36.25	36.25	36.25	36.25	36.25	36.25

					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	0.53	0.43	0.40	0.47	0.43	0.42	0.47	0.46	0.55	0.44	0.47	0.45	0.42	0.44	0.46	0.45
SOx	30	ppm	12	1	0.55	0.47	4.95	0.07	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.37	0.00	0.17
NOx	70	ppm	12	1	23.14	29.82	30.01	23.15	23.13	25.69	24.62	25.79	32.13	27.44	22.22	24.63	26.40	27.78	27.25	26.15
HCl	15	ppm	12	1	6.94	10.32	9.94	5.93	4.06	4.68	4.76	4.70	4.76	4.39	4.95	4.51	6.00	7.13	5.19	4.83
CO	50	ppm	12	1	2.30	0.31	22.46	11.89	19.38	0.33	0.51	0.46	0.42	0.31	0.60	0.53	0.37	0.23	0.28	0.35
O_2		%	0	0.1	9.09	7.38	5.96	7.83	6.89	6.59	8.05	7.83	9.36	7.23	8.02	7.40	6.51	6.84	7.43	7.17
FL1		Sm³	12	10	11,902	14,098	15,559	13,433	14,675	14,677	13,134	13,281	11,939	13,941	13,035	13,907	14,952	14,414	13,763	14,109
TMP		℃	0	1	182.12	182.76	183.93	183.53	183.25	183.59	183.33	182.90	182.91	182.83	182.41	181.56	182.43	182.82	182.49	182.18
TM1		℃	0	1	1,072.19	1,074.15	1,123.59	1,058.37	1,062.27	1,082.27	1,030.75	1,045.17	1,067.11	1,074.41	1,037.92	1,045.11	1,074.42	1,089.97	1,071.89	1,074.10
TM3		℃	0	1	36.25	36.25	36.24	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24	36.24	36.23	36.22	36.21