5월 31일 굴뚝별 트랜드

					05-31 00:00	05-31 00:30	05-31 01:00	05-31 01:30	05-31 02:00	05-31 02:30	05-31 03:00	05-31 03:30	05-31 04:00	05-31 04:30	05-31 05:00	05-31 05:30	05-31 06:00	05-31 06:30	05-31 07:00	05-31 07:30
TSP	20	mg/Sm³	12	1	0.77	0.57	0.67	0.61	0.63	0.65	0.68	0.62	0.75	0.59	0.62	0.61	0.62	0.61	0.54	0.54
SOx	30	ppm	12	1	1.80	1.39	0.22	0.00	0.00	0.07	0.00	0.00	4.19	0.00	0.00	0.11	0.00	0.00	1.72	3.50
NOx	70	ppm	12	1	24.21	18.07	12.31	13.11	13.83	18.07	16.61	20.00	29.40	19.38	18.86	21.12	15.96	14.68	19.85	19.52
HCl	15	ppm	12	1	9.01	6.79	7.55	2.66	3.07	2.83	2.90	1.95	4.51	5.03	3.49	2.89	4.12	3.16	3.56	6.11
CO	50	ppm	12	1	0.57	2.12	0.46	0.72	0.40	0.45	0.62	0.35	1.18	0.33	0.46	0.54	0.54	0.65	3.97	16.47
O_2		%	0	0.1	9.46	5.87	7.89	6.67	7.23	7.75	8.30	7.16	8.15	6.28	7.13	6.93	7.39	6.90	4.94	5.12
FL1		Sm³	12	10	12,282	16,170	13,624	14,838	13,905	13,690	13,088	14,450	13,585	15,323	14,319	14,759	14,314	15,093	17,350	17,024
TMP		℃	0	1	183.28	183.95	184.07	183.57	183.05	182.61	182.12	181.51	183.24	183.69	182.92	182.66	183.10	183.36	183.80	184.49
TM1		℃	0	1	1,052.02	1,087.47	998.13	1,053.50	1,068.29	1,032.59	1,000.29	1,048.77	1,092.81	1,080.69	1,060.27	1,071.65	1,033.99	1,036.81	1,124.70	1,131.37
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

					05-31 08:00	05-31 08:30	05-31 09:00	05-31 09:30	05-31 10:00	05-31 10:30	05-31 11:00	05-31 11:30	05-31 12:00	05-31 12:30	05-31 13:00	05-31 13:30	05-31 14:00	05-31 14:30	05-31 15:00	05-31 15:30
TSP	20	mg/Sm³	12	1	0.76	0.54	0.60	0.47	0.46	0.46	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.44	0.54	0.57
SOx	30	ppm	12	1	0.82	5.26	0.34	0.65	20.88	3.01	0.71	0.86	0.34	0.12	0.16	0.17	0.00	0.34	0.00	0.39
NOx	70	ppm	12	1	28.18	22.16	23.59	7.36	46.79	6.21	0.16	0.08	0.11	0.00	0.00	6.57	35.99	44.85	23.43	26.22
HCl	15	ppm	12	1	6.93	7.75	5.62	1.11	13.91	0.27	0.04	0.00	0.08	0.04	0.05	0.41	2.91	3.19	3.19	2.24
CO	50	ppm	12	1	0.51	31.63	11.82	5.74	58.41	7.20	0.00	0.00	0.00	0.00	0.00	0.07	0.90	2.58	0.33	1.33
O_2		%	0	0.1	9.01	5.00	6.57	17.12	8.20	20.12	21.13	21.08	20.99	20.90	20.90	17.70	5.97	5.67	7.43	6.54
FL1		Sm³	12	10	12,636	17,043	15,334	18,019	18,061	18,001	18,052	18,184	18,331	18,325	18,391	17,950	17,801	17,716	15,045	14,895
TMP		℃	0	1	184.11	184.12	184.19	183.16	182.20	181.93	181.78	181.72	182.38	182.36	182.14	182.40	181.95	181.13	181.06	182.25
TM1		℃	0	1	1,098.89	1,150.44	1,083.43	1,114.75	1,097.52	1,159.91	1,078.54	1,151.79	1,128.07	1,107.01	1,122.75	1,161.70	1,117.45	1,141.67	1,055.41	1,086.39
TM3		℃	0	1	36.25	36.25	36.25	36.14	36.09	36.09	36.09	36.10	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

					05-31 16:00	05-31 16:30	05-31 17:00	05-31 17:30	05-31 18:00	05-31 18:30	05-31 19:00	05-31 19:30	05-31 20:00	05-31 20:30	05-31 21:00	05-31 21:30	05-31 22:00	05-31 22:30	05-31 23:00	05-31 23:30
TSP	20	mg/Sm³	12	1	0.73	0.54	0.61	0.56	0.60	0.61	0.59	0.61	0.77	0.66	0.63	0.56	0.59	0.60	0.65	0.59
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	0.13	0.19	0.00	0.00	0.00
NOx	70	ppm	12	1	34.16	30.02	20.22	21.80	18.29	24.35	26.56	24.46	32.55	26.24	19.35	28.47	25.55	20.22	19.57	22.04
HCl	15	ppm	12	1	4.27	2.52	2.12	1.84	2.34	1.68	3.08	3.66	4.47	3.22	2.91	3.04	4.16	4.63	3.52	2.25
CO	50	ppm	12	1	0.30	0.49	0.37	11.45	0.38	0.75	0.29	0.38	0.26	0.40	0.43	3.98	0.46	0.32	0.32	0.26
O_2		%	0	0.1	8.74	5.57	7.51	6.07	6.94	7.18	6.66	7.19	9.41	8.03	7.51	5.80	6.49	6.79	7.63	6.01
FL1		Sm³	12	10	12,113	15,390	12,973	15,119	14,085	14,548	14,938	14,257	11,842	13,491	14,042	15,995	15,142	14,609	13,561	15,433
TMP		℃	0	1	182.53	182.86	181.70	181.70	182.00	182.54	183.33	183.47	183.25	182.96	182.84	183.26	183.67	183.48	182.56	182.45
TM1		℃	0	1	1,112.67	1,132.64	1,036.67	1,093.52	1,056.32	1,044.47	1,087.21	1,067.40	1,105.77	1,029.47	1,033.17	1,116.52	1,099.49	1,068.89	1,026.28	1,091.74
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.10	36.10	36.11	36.13	36.12	36.12	36.13	36.13	36.13	36.13

6월 1일 굴뚝별 트랜드

					06-01 00:00	06-01 00:30	06-01 01:00	06-01 01:30	06-01 02:00	06-01 02:30	06-01 03:00	06-01 03:30	06-01 04:00	06-01 04:30	06-01 05:00	06-01 05:30	06-01 06:00	06-01 06:30	06-01 07:00	06-01 07:30
TSP	20	mg/Sm³	12	1	0.78	0.64	0.61	0.60	0.61	0.61	0.62	0.64	0.77	0.60	0.61	0.60	0.59	0.55	0.63	0.56
SOx	30	ppm	12	1	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.47
NOx	70	ppm	12	1	32.15	17.11	24.18	28.91	23.09	29.55	28.18	20.10	24.23	18.00	20.05	16.07	17.56	21.32	16.34	17.72
HCl	15	ppm	12	1	5.13	3.92	2.46	3.39	2.53	2.30	2.47	3.26	2.57	2.40	2.70	2.40	2.39	2.47	2.89	2.15
CO	50	ppm	12	1	0.45	0.30	0.31	0.26	0.34	0.34	0.36	0.42	1.16	0.46	0.45	0.45	1.80	0.82	0.33	0.48
O_2		%	0	0.1	8.82	7.52	6.67	6.73	7.19	7.07	7.04	7.64	9.20	6.49	6.90	6.87	6.30	5.41	7.18	5.82
FL1		Sm³	12	10	11,882	13,553	14,690	14,297	13,156	14,081	14,343	13,524	12,207	15,034	14,647	14,523	15,004	16,016	14,288	15,697
TMP		℃	0	1	182.65	182.33	182.00	182.06	180.65	180.13	181.25	181.68	181.47	181.78	182.21	182.03	181.74	182.04	182.19	181.93
TM1		℃	0	1	1,130.14	1,047.99	1,079.09	1,100.73	1,088.20	1,103.17	1,072.95	1,052.75	1,055.15	1,056.41	1,035.13	1,032.89	1,066.37	1,116.67	1,032.29	1,070.20
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					06-01 08:00	06-01 08:30	06-01 09:00	06-01 09:30	06-01 10:00	06-01 10:30	06-01 11:00	06-01 11:30	06-01 12:00	06-01 12:30	06-01 13:00	06-01 13:30	06-01 14:00	06-01 14:30	06-01 15:00	06-01 15:30
TSP	20	mg/Sm³	12	1	0.77	0.60	0.58	0.63	0.56	0.61	0.59	0.59	0.72	0.57	0.53	0.53	0.55	0.57	0.61	0.52
SOx	30	ppm	12	1	0.55	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	2.38
NOx	70	ppm	12	1	24.51	23.26	23.23	14.90	23.25	16.48	15.09	14.38	22.36	10.80	13.20	14.27	18.42	13.77	8.78	17.03
HCl	15	ppm	12	1	4.56	1.72	1.66	2.90	1.74	2.06	1.96	1.57	2.15	1.72	1.06	1.88	1.75	1.90	1.98	3.13
CO	50	ppm	12	1	1.50	0.24	2.58	0.37	0.21	0.44	2.34	1.34	1.41	0.22	0.53	3.52	0.15	0.38	0.41	7.72
O_2		%	0	0.1	8.56	6.77	6.19	7.69	6.14	7.29	6.88	7.11	8.86	6.96	5.35	5.56	6.42	6.84	7.92	5.66
FL1		Sm³	12	10	12,204	14,426	15,152	13,538	15,082	14,136	14,501	14,170	12,068	14,436	16,353	15,704	14,784	14,305	13,281	15,939
TMP		℃	0	1	182.15	182.00	181.94	182.25	182.29	182.46	182.81	182.59	182.06	183.41	184.04	184.39	184.08	183.78	183.67	183.89
TM1		℃	0	1	1,109.53	1,078.42	1,102.45	1,025.42	1,091.89	1,037.11	1,046.87	1,028.93	1,073.15	1,035.33	1,090.45	1,103.17	1,073.29	1,051.98	994.76	1,078.21
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					06-01 16:00	06-01 16:30	06-01 17:00	06-01 17:30	06-01 18:00	06-01 18:30	06-01 19:00	06-01 19:30	06-01 20:00	06-01 20:30	06-01 21:00	06-01 21:30	06-01 22:00	06-01 22:30	06-01 23:00	06-01 23:30
TSP	20	mg/Sm³	12	1	0.69	0.52	0.59	0.57	0.63	0.59	0.53	0.54	0.74	0.57	0.56	0.68	0.64	0.57	0.59	0.59
SOx	30	ppm	12	1	6.49	0.98	0.00	0.00	0.00	0.00	1.90	1.35	0.07	0.48	3.54	1.56	0.33	1.88	0.26	0.00
NOx	70	ppm	12	1	34.17	28.03	21.31	20.01	12.90	13.99	13.62	15.26	29.20	25.49	24.50	14.99	12.42	20.45	12.52	14.98
HCl	15	ppm	12	1	9.61	5.91	3.68	2.35	2.53	1.63	3.36	6.49	5.33	4.92	8.11	9.51	5.29	8.35	4.97	1.87
CO	50	ppm	12	1	0.74	0.15	0.69	0.41	0.83	0.79	23.57	2.66	23.41	0.49	0.28	0.63	0.63	2.89	0.56	0.63
O_2		%	0	0.1	7.89	5.62	7.39	6.99	8.59	7.86	5.66	5.74	8.10	6.14	6.22	9.04	8.63	6.37	6.60	6.92
FL1		Sm³	12	10	12,935	15,453	13,452	14,128	12,231	13,164	16,067	15,647	12,595	15,427	15,239	11,686	12,179	15,443	14,773	14,610
TMP		℃	0	1	184.48	184.12	183.25	182.96	182.56	181.30	182.87	184.69	184.66	184.61	183.74	182.31	180.13	181.40	183.82	182.73
TM1		℃	0	1	1,137.87	1,133.97	1,066.45	1,054.27	970.35	983.29	1,058.88	1,079.07	1,121.93	1,103.57	1,095.49	991.99	986.37	1,063.38	1,061.11	1,051.31
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

6월 2일 굴뚝별 트랜드

					06-02 00:00	06-02 00:30	06-02 01:00	06-02 01:30	06-02 02:00	06-02 02:30	06-02 03:00	06-02 03:30	06-02 04:00	06-02 04:30	06-02 05:00	06-02 05:30	06-02 06:00	06-02 06:30	06-02 07:00	06-02 07:30
TSP	20	mg/Sm³	12	1	0.76	0.61	0.57	0.61	0.62	0.63	0.64	0.67	0.73	0.62	0.64	0.58	0.62	0.61	0.62	0.56
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	18.83	19.41	22.37	20.50	24.02	21.05	17.75	18.22	23.81	14.98	21.00	19.70	18.01	21.04	17.82	21.76
HCl	15	ppm	12	1	2.25	1.66	1.33	2.07	1.89	2.69	5.03	2.66	2.91	3.06	1.87	1.88	2.44	2.80	3.76	2.50
CO	50	ppm	12	1	0.37	0.25	0.96	0.22	0.36	0.47	0.37	0.58	0.61	0.23	0.27	0.66	0.31	0.35	0.37	0.20
O_2		%	0	0.1	9.38	7.01	6.06	6.91	7.22	7.24	7.48	8.27	8.66	7.18	7.45	6.13	7.21	6.90	7.13	5.79
FL1		Sm³	12	10	12,227	14,446	15,608	14,469	14,139	14,311	13,681	12,982	12,713	14,201	14,067	15,604	14,274	14,666	14,233	15,781
TMP		℃	0	1	182.37	182.52	182.66	182.72	182.52	182.34	182.55	181.40	179.94	181.48	182.13	182.64	182.70	182.74	183.06	182.98
TM1		℃	0	1	1,056.43	1,050.39	1,086.87	1,075.93	1,066.09	1,047.01	1,049.40	1,004.41	1,081.26	1,051.66	1,039.91	1,081.52	1,039.36	1,046.35	1,034.20	1,085.33
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					06-02 08:00	06-02 08:30	06-02 09:00	06-02 09:30	06-02 10:00	06-02 10:30	06-02 11:00	06-02 11:30	06-02 12:00	06-02 12:30	06-02 13:00	06-02 13:30	06-02 14:00	06-02 14:30	06-02 15:00	06-02 15:30
TSP	20	mg/Sm³	12	1	0.79	0.55	0.55	0.59	0.59	0.63	0.53	0.57	0.70	0.56	0.53	0.53	0.58	0.53	0.57	0.56
SOx	30	ppm	12	1	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	22.17	18.40	24.54	22.15	20.31	16.60	22.81	17.01	20.94	16.35	20.05	18.38	20.01	19.69	19.84	17.37
HCl	15	ppm	12	1	3.07	1.66	1.95	2.00	1.54	2.18	1.19	1.99	2.96	2.85	2.16	2.96	3.38	2.83	2.80	2.37
CO	50	ppm	12	1	0.37	0.53	0.21	0.25	0.31	0.55	0.26	0.31	0.79	0.87	0.28	0.63	0.33	0.24	0.18	1.15
O_2		%	0	0.1	9.85	5.36	5.78	7.15	7.05	8.26	6.00	6.89	8.22	6.82	6.24	5.96	7.04	6.04	7.14	6.88
FL1		Sm³	12	10	11,561	16,217	15,488	13,840	14,199	13,009	15,378	14,473	12,827	14,302	15,127	15,165	14,170	15,086	13,931	14,428
TMP		℃	0	1	183.19	182.94	182.98	182.57	182.45	182.55	181.28	182.53	183.84	183.98	183.52	183.59	183.57	183.75	183.69	183.68
TM1		℃	0	1	1,034.89	1,090.73	1,105.22	1,061.33	1,054.25	1,001.38	1,081.05	1,027.91	1,073.32	1,043.20	1,058.77	1,071.73	1,025.79	1,083.56	1,040.37	1,028.90
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					06-02 16:00	06-02 16:30	06-02 17:00	06-02 17:30	06-02 18:00	06-02 18:30	06-02 19:00	06-02 19:30	06-02 20:00	06-02 20:30	06-02 21:00	06-02 21:30	06-02 22:00	06-02 22:30	06-02 23:00	06-02 23:30
TSP	20	mg/Sm³	12	1	0.70	0.51	0.55	0.50	0.54	0.56	0.63	0.48	0.75	0.53	0.54	0.57	0.57	0.52	0.61	0.67
SOx	30	ppm	12	1	0.00	0.00	0.00	2.24	0.00	0.00	0.00	0.77	0.77	0.53	1.29	0.00	0.00	0.05	0.00	0.00
NOx	70	ppm	12	1	18.91	22.10	15.66	19.50	20.91	18.93	20.13	23.34	32.49	28.03	31.46	28.60	24.40	28.95	20.17	19.73
HCl	15	ppm	12	1	3.32	2.84	3.24	3.77	5.09	3.48	2.65	2.19	4.24	2.19	4.85	3.51	2.10	2.49	2.96	2.25
CO	50	ppm	12	1	10.78	0.39	0.56	11.05	0.21	0.32	0.53	5.82	0.35	4.73	0.14	0.16	4.96	3.70	0.25	0.46
O_2		%	0	0.1	8.45	5.53	6.60	5.35	6.42	6.86	8.39	4.20	9.71	5.57	5.74	6.67	6.69	5.32	7.50	8.67
FL1		Sm³	12	10	12,445	15,882	14,568	15,998	14,751	14,060	12,628	17,292	11,395	15,624	15,242	14,118	14,420	15,780	13,408	12,321
TMP		℃	0	1	184.33	184.77	184.39	184.06	183.88	183.46	182.52	183.01	183.79	183.51	183.30	182.95	182.39	183.05	182.96	181.95
TM1		℃	0	1	1,088.60	1,089.87	1,060.08	1,101.48	1,073.54	1,063.25	995.13	1,153.79	1,085.22	1,133.87	1,147.95	1,114.83	1,101.51	1,153.90	1,055.42	984.44
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13