5월 13일 굴뚝별 트랜드

					05-13 00:00	05-13 00:30	05-13 01:00	05-13 01:30	05-13 02:00	05-13 02:30	05-13 03:00	05-13 03:30	05-13 04:00	05-13 04:30	05-13 05:00	05-13 05:30	05-13 06:00	05-13 06:30	05-13 07:00	05-13 07:30
TSP	20	mg/Sm³	12	1	0.76	0.60	0.66	0.61	0.58	0.60	0.60	0.62	0.77	0.63	0.62	0.58	0.58	0.61	0.57	0.70
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	0.00	0.20	1.77	0.00
NOx	70	ppm	12	1	26.50	21.28	16.59	19.16	21.33	18.02	13.68	12.56	19.66	13.11	15.76	14.17	15.57	14.07	13.51	14.97
HCl	15	ppm	12	1	0.66	0.50	0.93	0.51	0.77	1.41	1.24	1.53	1.59	1.52	1.18	1.09	1.27	1.48	4.48	3.28
CO	50	ppm	12	1	5.62	0.19	0.47	0.33	0.48	0.34	0.68	0.62	1.04	0.77	0.58	1.26	0.46	1.45	7.16	1.20
O_2		%	0	0.1	8.84	6.92	8.05	7.11	6.20	6.72	6.70	7.20	9.55	7.52	7.52	6.67	6.93	7.39	6.02	9.02
FL1		Sm³	12	10	11,397	14,052	13,013	14,126	15,354	14,880	14,860	14,020	11,924	13,566	13,190	13,964	13,690	13,750	15,757	11,919
TMP		℃	0	1	181.73	181.49	181.78	181.66	182.35	183.03	182.96	182.66	182.46	182.38	181.50	179.95	179.67	179.80	181.54	181.74
TM1		℃	0	1	1,103.86	1,081.33	1,019.73	1,049.81	1,078.48	1,056.15	1,044.69	1,024.23	1,043.57	1,016.27	1,008.57	1,051.18	1,040.69	1,014.37	1,046.07	936.06
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09	36.09

					05-13 08:00	05-13 08:30	05-13 09:00	05-13 09:30	05-13 10:00	05-13 10:30	05-13 11:00	05-13 11:30	05-13 12:00	05-13 12:30	05-13 13:00	05-13 13:30	05-13 14:00	05-13 14:30	05-13 15:00	05-13 15:30
TSP	20	mg/Sm³	12	1	0.73	0.56	0.56	0.68	0.57	0.60	0.56	0.65	0.81	0.65	0.64	0.53	0.54	0.52	0.61	0.55
SOx	30	ppm	12	1	0.00	0.00	0.31	0.00	0.02	0.45	0.12	0.00	0.00	0.00	0.00	1.40	0.88	0.02	0.00	0.00
NOx	70	ppm	12	1	24.84	18.66	20.39	11.87	23.14	19.59	31.34	25.69	33.20	22.69	17.48	28.48	26.20	28.87	21.17	21.82
HCl	15	ppm	12	1	1.13	1.98	2.17	2.39	1.14	3.07	1.82	2.58	2.24	1.96	1.88	3.16	5.28	1.73	2.12	1.46
CO	50	ppm	12	1	1.06	0.61	16.20	0.66	0.23	1.60	0.04	0.17	0.24	0.31	0.51	0.20	11.39	5.58	0.63	3.56
O_2		%	0	0.1	9.19	5.95	5.53	8.45	5.92	6.28	5.51	7.94	10.41	7.91	8.18	5.38	5.72	5.06	7.64	6.35
FL1		Sm³	12	10	12,513	15,754	16,146	12,762	15,848	15,251	15,852	13,177	11,259	13,550	13,138	16,504	15,051	15,822	12,952	14,195
TMP		℃	0	1	180.15	180.92	182.98	182.16	182.20	183.00	182.79	182.02	182.02	182.35	182.23	183.09	182.74	181.99	181.28	181.09
TM1		℃	0	1	1,003.35	1,064.37	1,095.11	1,001.55	1,096.08	1,111.75	1,172.05	1,084.18	1,084.83	1,047.05	1,018.87	1,139.99	1,130.22	1,147.31	1,058.45	1,094.99
TM3		℃	0	1	36.09	36.09	36.09	36.09	36.07	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05	36.05

					05-13 16:00	05-13 16:30	05-13 17:00	05-13 17:30	05-13 18:00	05-13 18:30	05-13 19:00	05-13 19:30	05-13 20:00	05-13 20:30	05-13 21:00	05-13 21:30	05-13 22:00	05-13 22:30	05-13 23:00	05-13 23:30
TSP	20	mg/Sm³	12	1	0.71	0.56	0.52	0.57	0.56	0.57	0.57	0.59	0.77	0.60	0.54	0.57	0.58	0.59	0.58	0.60
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	1.98	0.80	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	13.24	15.41	13.35	9.19	16.92	16.58	14.73	18.20	19.75	18.88	18.93	20.51	18.96	16.94	13.00	15.09
HCl	15	ppm	12	1	1.35	1.34	1.71	2.52	1.76	2.60	3.51	3.63	4.98	3.42	4.85	6.21	3.90	3.08	4.65	4.45
CO	50	ppm	12	1	2.79	6.11	24.57	3.54	0.32	0.38	2.10	1.81	0.43	0.30	1.38	3.50	0.52	7.35	6.62	1.13
O_2		%	0	0.1	10.35	6.57	5.19	6.73	6.12	6.52	6.41	6.51	9.44	7.28	5.93	6.87	6.68	6.85	6.61	7.08
FL1		Sm³	12	10	11,052	14,386	15,873	14,079	14,973	14,787	14,863	14,669	11,440	13,559	15,147	13,903	14,361	14,530	14,540	13,998
TMP		℃	0	1	180.58	181.27	182.29	182.55	182.50	183.18	183.58	183.42	182.55	182.01	182.13	182.15	182.11	182.24	182.76	182.36
TM1		℃	0	1	1,010.44	1,044.78	1,093.58	1,032.85	1,079.50	1,060.80	1,067.70	1,076.89	1,069.13	1,050.30	1,096.36	1,071.67	1,070.43	1,042.30	1,045.05	1,032.37
TM3		℃	0	1	36.05	36.03	36.02	35.99	35.94	35.79	35.86	35.86	35.81	35.93	35.98	35.97	35.92	35.81	35.83	35.84

5월 14일 굴뚝별 트랜드

					05-14 00:00	05-14 00:30	05-14 01:00	05-14 01:30	05-14 02:00	05-14 02:30	05-14 03:00	05-14 03:30	05-14 04:00	05-14 04:30	05-14 05:00	05-14 05:30	05-14 06:00	05-14 06:30	05-14 07:00	05-14 07:30
TSP	20	mg/Sm³	12	1	0.78	0.60	0.60	0.58	0.56	0.60	0.59	0.56	0.75	0.57	0.59	0.64	0.73	0.63	0.76	0.68
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.05	0.09	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	20.92	9.73	12.46	12.15	8.14	12.48	8.46	8.39	17.97	12.75	21.37	20.45	22.90	21.06	17.81	19.98
HCl	15	ppm	12	1	4.43	3.10	2.87	1.90	2.30	2.32	2.44	2.37	3.31	3.38	5.23	5.13	5.03	4.19	5.35	2.84
CO	50	ppm	12	1	1.61	3.72	1.40	7.86	6.37	1.09	1.97	5.71	2.07	1.99	0.27	0.32	0.62	3.94	1.10	0.79
O_2		%	0	0.1	9.61	6.78	6.93	6.34	5.89	6.40	6.68	6.22	8.76	6.22	6.76	7.51	9.07	6.98	9.15	8.35
FL1		Sm³	12	10	11,864	14,492	14,252	14,936	14,870	14,388	13,688	13,673	11,509	14,419	14,454	13,660	13,064	14,349	12,535	13,195
TMP		℃	0	1	182.53	182.76	182.54	182.38	181.86	181.50	180.73	179.94	179.86	179.71	180.21	181.24	182.07	181.89	182.58	181.49
TM1		℃	0	1	1,018.58	1,014.82	1,030.03	1,041.43	1,046.84	1,053.95	1,031.03	1,045.12	1,064.14	1,037.05	1,063.52	1,058.19	999.99	1,050.16	978.77	995.21
TM3		℃	0	1	35.86	35.90	35.88	35.87	35.88	35.87	35.89	35.91	35.94	35.94	35.89	35.80	35.84	35.87	35.90	35.79

					05-14 08:00	05-14 08:30	05-14 09:00	05-14 09:30	05-14 10:00	05-14 10:30	05-14 11:00	05-14 11:30	05-14 12:00	05-14 12:30	05-14 13:00	05-14 13:30	05-14 14:00	05-14 14:30	05-14 15:00	05-14 15:30
TSP	20	mg/Sm³	12	1	0.74	0.51	0.52	0.52	0.49	0.56	0.55	0.67	0.75	0.57	0.66	0.72	0.63	0.57	0.51	0.55
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	1.08	0.45	3.79	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	19.25	13.27	10.93	11.81	9.86	12.45	16.99	10.37	11.54	10.32	9.48	22.48	16.62	11.10	8.48	6.77
HCl	15	ppm	12	1	4.06	3.04	2.49	2.04	3.40	3.96	8.72	8.31	7.28	3.11	2.86	1.58	2.91	2.47	1.53	1.69
CO	50	ppm	12	1	6.32	29.77	32.17	28.53	72.28	0.93	0.85	0.59	0.82	0.43	0.87	1.41	0.81	1.98	2.92	1.56
O_2		%	0	0.1	8.20	4.34	4.92	4.62	4.28	6.21	5.79	8.60	10.44	7.48	9.06	9.93	8.57	7.29	5.94	6.24
FL1		Sm³	12	10	12,865	16,587	16,023	16,740	16,166	15,268	15,659	12,492	11,258	13,721	11,900	12,367	13,623	14,213	15,735	15,634
TMP		℃	0	1	181.73	182.94	182.82	182.94	183.12	183.05	183.32	183.54	183.43	183.09	182.92	182.27	183.51	184.44	183.63	183.77
TM1		℃	0	1	1,083.60	1,120.89	1,105.51	1,124.29	1,148.21	1,092.91	1,121.41	986.29	989.10	1,020.46	948.82	909.70	968.89	1,011.62	1,073.46	1,040.61
TM3		℃	0	1	35.76	35.70	35.83	35.94	35.98	35.95	35.97	35.98	35.98	35.98	35.98	35.98	35.98	35.98	35.98	35.98

					05-14 16:00	05-14 16:30	05-14 17:00	05-14 17:30	05-14 18:00	05-14 18:30	05-14 19:00	05-14 19:30	05-14 20:00	05-14 20:30	05-14 21:00	05-14 21:30	05-14 22:00	05-14 22:30	05-14 23:00	05-14 23:30
TSP	20	mg/Sm³	12	1	0.75	0.57	0.55	0.55	0.56	0.52	0.54	0.58	0.73	0.57	0.56	0.53	0.55	0.59	0.57	0.60
SOx	30	ppm	12	1	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	11.87	8.46	8.10	7.22	7.63	10.13	10.37	7.63	12.31	5.80	9.38	12.88	14.62	14.30	16.98	12.04
HCl	15	ppm	12	1	3.11	1.40	1.22	1.24	1.35	0.91	1.42	1.43	1.74	1.36	0.72	0.57	2.08	2.04	1.68	2.86
CO	50	ppm	12	1	16.53	3.33	2.54	4.55	2.63	2.64	0.87	0.52	9.67	3.28	0.60	2.45	0.44	0.85	0.40	0.43
O_2		%	0	0.1	8.99	6.54	6.46	6.64	7.06	6.00	6.55	7.39	8.36	6.15	6.56	5.24	6.11	7.21	6.23	7.15
FL1		Sm³	12	10	11,862	15,094	15,168	15,006	14,393	15,514	14,918	14,059	13,122	15,939	15,125	16,865	15,546	14,330	15,549	14,391
TMP		℃	0	1	184.41	184.08	184.14	184.26	184.10	183.93	183.84	183.55	183.42	184.48	183.99	183.89	184.48	183.90	183.69	183.91
TM1		℃	0	1	1,075.20	1,053.31	1,047.61	1,026.38	1,016.13	1,072.21	1,053.41	1,002.77	1,064.46	1,030.13	1,036.73	1,094.28	1,084.39	1,043.45	1,072.99	1,034.36
TM3		℃	0	1	35.95	35.93	35.90	35.90	35.87	35.94	35.97	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94

5월 15일 굴뚝별 트랜드

					05-15 00:00	05-15 00:30	05-15 01:00	05-15 01:30	05-15 02:00	05-15 02:30	05-15 03:00	05-15 03:30	05-15 04:00	05-15 04:30	05-15 05:00	05-15 05:30	05-15 06:00	05-15 06:30	05-15 07:00	05-15 07:30
TSP	20	mg/Sm³	12	1	0.74	0.58	0.59	0.59	0.61	0.60	0.59	0.63	0.74	0.63	0.57	0.58	0.58	0.59	0.62	0.58
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	0.03	0.05	0.00	0.00
NOx	70	ppm	12	1	21.46	14.81	19.68	20.67	16.77	19.97	15.94	17.36	18.35	11.40	11.96	12.41	13.37	18.36	17.08	23.79
HCl	15	ppm	12	1	3.08	2.67	1.78	2.21	2.46	1.45	1.92	2.21	2.10	1.46	0.66	0.88	1.26	1.88	1.95	1.92
CO	50	ppm	12	1	0.40	1.04	0.28	0.31	0.33	0.33	0.20	0.37	0.75	1.13	0.65	0.72	7.19	1.73	0.29	0.20
O_2		%	0	0.1	8.70	5.96	6.12	6.25	7.03	6.53	6.50	7.67	9.74	7.68	6.52	6.14	6.05	6.62	7.28	6.13
FL1		Sm³	12	10	13,050	15,905	15,862	15,527	14,522	15,199	15,165	13,710	11,781	13,587	14,751	15,667	15,759	14,776	14,066	15,475
TMP		℃	0	1	183.38	183.75	183.85	183.77	183.55	182.69	183.07	183.06	182.01	181.78	181.65	182.17	182.84	182.84	182.52	182.70
TM1		℃	0	1	1,069.08	1,075.31	1,072.89	1,079.89	1,055.70	1,066.34	1,071.79	1,017.66	1,020.53	995.23	1,049.47	1,053.05	1,057.35	1,065.83	1,036.63	1,095.17
TM3		℃	0	1	35.94	35.93	35.90	35.90	35.86	35.83	35.92	36.06	35.88	35.86	35.86	35.86	35.89	35.86	35.82	35.79

					05-15 08:00	05-15 08:30	05-15 09:00	05-15 09:30	05-15 10:00	05-15 10:30	05-15 11:00	05-15 11:30	05-15 12:00	05-15 12:30	05-15 13:00	05-15 13:30	05-15 14:00	05-15 14:30	05-15 15:00	05-15 15:30
TSP	20	mg/Sm³	12	1	0.75	0.55	0.57	0.57	0.53	0.52	0.49	0.57	0.70	0.56	0.56	0.47	0.47	0.55	0.50	0.53
SOx	30	ppm	12	1	0.00	1.39	5.61	0.11	0.00	0.11	0.03	0.00	0.00	0.00	0.00	1.31	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	34.39	31.46	34.54	25.72	23.13	20.13	23.34	13.11	12.64	9.82	9.09	9.10	11.15	8.37	10.38	8.17
HCl	15	ppm	12	1	4.01	4.48	10.44	8.00	3.86	2.82	2.36	2.29	1.83	1.90	1.95	1.79	1.82	2.11	1.57	2.16
CO	50	ppm	12	1	0.28	0.12	0.09	2.48	8.77	12.74	2.78	10.33	5.70	1.65	2.13	64.68	29.51	0.77	18.84	13.54
O_2		%	0	0.1	8.78	5.61	6.14	6.27	5.64	5.70	4.93	7.24	9.47	7.07	6.95	4.09	4.59	6.88	5.76	6.40
FL1		Sm³	12	10	12,976	16,197	15,691	15,116	15,206	15,239	15,663	13,538	12,008	14,877	15,100	17,808	16,439	13,964	15,427	14,718
TMP		℃	0	1	183.58	184.06	184.33	184.24	183.29	182.58	182.20	182.11	181.88	183.27	184.44	184.78	184.17	183.36	183.38	183.86
TM1		℃	0	1	1,101.70	1,139.72	1,129.78	1,095.66	1,114.21	1,109.14	1,142.22	1,038.90	1,003.24	1,007.52	1,017.66	1,114.78	1,117.81	1,049.21	1,081.32	1,041.86
TM3		℃	0	1	35.81	35.79	35.81	35.75	35.71	35.64	35.64	35.64	35.64	35.60	35.55	35.74	35.84	35.81	35.86	35.93

					05-15 16:00	05-15 16:30	05-15 17:00	05-15 17:30	05-15 18:00	05-15 18:30	05-15 19:00	05-15 19:30	05-15 20:00	05-15 20:30	05-15 21:00	05-15 21:30	05-15 22:00	05-15 22:30	05-15 23:00	05-15 23:30
TSP	20	mg/Sm³	12	1	0.70	0.57	0.57	0.57	0.61	0.63	0.60	0.53	0.74	0.58	0.53	0.61	0.54	0.60	0.54	0.60
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	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	6.45	7.25	6.55	9.21	12.28	13.22	11.75	7.71	8.06	10.53	14.53	9.72	17.10	12.66	18.55	11.68
HCl	15	ppm	12	1	2.44	1.22	1.20	0.90	1.56	1.60	2.35	2.15	3.25	1.51	2.44	3.32	2.09	2.09	1.65	2.27
CO	50	ppm	12	1	0.77	0.68	1.36	1.80	1.03	1.25	0.99	8.94	1.77	0.81	0.53	0.54	1.34	0.52	0.44	0.36
O_2		%	0	0.1	9.87	7.58	7.41	7.87	8.80	8.77	8.22	5.66	9.52	7.11	6.18	8.10	6.35	7.56	5.88	7.48
FL1		Sm³	12	10	11,631	14,332	14,385	14,202	13,190	13,428	13,986	16,284	11,789	14,219	15,155	12,861	14,906	13,621	15,412	13,532
TMP		℃	0	1	183.65	184.18	185.04	184.90	185.06	185.13	185.12	184.95	184.39	183.88	183.45	183.18	182.41	182.68	183.11	182.90
TM1		℃	0	1	1,002.60	991.19	1,002.65	992.63	942.80	932.66	958.77	1,037.71	1,000.35	1,008.82	1,064.06	1,003.97	1,070.36	1,006.80	1,086.79	1,019.93
TM3		℃	0	1	35.98	35.98	35.98	35.98	35.98	35.98	36.00	36.02	36.02	36.02	36.02	36.02	36.02	36.02	36.02	36.02