6월 21일 굴뚝별 트랜드

					06-21 00:00	06-21 00:30	06-21 01:00	06-21 01:30	06-21 02:00	06-21 02:30	06-21 03:00	06-21 03:30	06-21 04:00	06-21 04:30	06-21 05:00	06-21 05:30	06-21 06:00	06-21 06:30	06-21 07:00	06-21 07:30
TSP	20	mg/Sm³	12	1	0.83	0.63	0.59	0.59	0.60	0.62	0.60	0.56	0.75	0.52	0.46	0.61	0.61	0.59	0.62	0.60
SOx	30	ppm	12	1	0.65	1.43	4.18	0.00	0.00	1.38	2.79	0.33	0.00	2.99	19.06	0.00	0.00	2.08	0.09	0.00
NOx	70	ppm	12	1	15.04	22.09	13.35	10.52	11.67	17.54	12.57	7.15	12.92	7.53	4.70	9.74	14.72	15.75	12.60	11.19
HCl	15	ppm	12	1	7.73	4.71	9.59	2.55	3.03	6.91	6.76	5.20	4.94	2.30	2.10	0.10	0.45	2.77	5.52	3.57
CO	50	ppm	12	1	10.83	0.81	5.78	7.65	9.17	0.98	19.01	34.12	4.99	52.61	100.88	4.01	0.75	3.83	0.70	3.76
O_2		%	0	0.1	11.12	7.69	6.69	6.93	7.14	7.58	6.80	5.57	8.41	4.51	2.74	7.31	7.37	6.53	7.51	7.08
FL1		Sm³	12	10	10,425	14,949	14,950	14,376	14,348	14,800	15,611	16,568	13,381	17,820	17,273	13,936	14,205	15,037	13,985	14,538
TMP		℃	0	1	182.56	181.23	182.52	181.28	179.50	180.40	182.38	183.30	183.01	183.08	182.56	179.36	179.02	181.96	181.44	181.84
TM1		℃	0	1	1,010.30	1,013.37	1,027.50	1,016.52	1,002.27	1,000.77	1,027.53	1,053.06	1,062.17	1,092.46	1,130.27	1,033.48	1,059.23	1,087.26	1,046.17	1,048.19
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					06-21 08:00	06-21 08:30	06-21 09:00	06-21 09:30	06-21 10:00	06-21 10:30	06-21 11:00	06-21 11:30	06-21 12:00	06-21 12:30	06-21 13:00	06-21 13:30	06-21 14:00	06-21 14:30	06-21 15:00	06-21 15:30
TSP	20	mg/Sm³	12	1	0.72	0.59	0.50	0.43	0.43	0.44	0.44	0.42	0.40	0.41	0.42	0.42	0.42	0.42	0.41	0.46
SOx	30	ppm	12	1	0.00	0.00	0.07	0.00	0.06	29.27	0.58	0.92	0.45	0.16	0.23	0.26	0.19	1.26	0.00	0.13
NOx	70	ppm	12	1	23.30	11.66	17.12	0.00	0.30	65.64	0.49	0.22	0.12	0.00	0.00	0.00	6.59	30.65	24.82	22.38
HCl	15	ppm	12	1	4.25	3.50	2.13	0.13	0.86	20.19	0.31	0.22	0.11	0.03	0.04	0.03	0.75	6.61	6.21	4.82
CO	50	ppm	12	1	0.45	0.83	0.94	0.01	0.01	81.55	0.01	0.01	0.00	0.00	0.00	0.00	0.52	4.32	0.99	0.80
O_2		%	0	0.1	9.08	7.01	9.46	21.36	12.51	6.27	20.90	20.90	20.88	20.70	20.68	20.68	16.17	5.39	7.31	5.65
FL1		Sm³	12	10	12,847	14,747	16,930	18,704	19,182	18,047	17,799	17,983	18,210	18,634	18,078	18,069	18,202	18,908	18,510	16,785
TMP		℃	0	1	182.25	182.55	182.39	182.29	181.76	182.00	181.91	181.86	180.67	179.42	181.37	180.82	179.77	180.78	181.86	181.74
TM1		℃	0	1	1,082.99	1,054.49	1,102.51	1,039.48	1,101.25	1,104.34	1,057.91	1,026.79	1,001.91	1,080.25	1,094.15	1,008.33	1,024.17	1,108.93	1,044.35	1,103.94
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					06-21 16:00	06-21 16:30	06-21 17:00	06-21 17:30	06-21 18:00	06-21 18:30	06-21 19:00	06-21 19:30	06-21 20:00	06-21 20:30	06-21 21:00	06-21 21:30	06-21 22:00	06-21 22:30	06-21 23:00	06-21 23:30
TSP	20	mg/Sm³	12	1	0.66	0.50	0.52	0.52	0.52	0.53	0.52	0.59	0.69	0.58	0.54	0.57	0.57	0.57	0.56	0.60
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.01	0.25	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	20.27	17.80	16.05	16.00	16.66	14.42	22.04	14.55	24.44	17.40	23.80	16.06	18.69	19.08	19.97	20.34
HCl	15	ppm	12	1	4.29	3.07	3.29	2.47	4.00	4.49	4.96	7.61	4.80	5.00	3.49	3.54	2.69	3.24	2.60	2.28
CO	50	ppm	12	1	0.93	0.35	0.39	0.34	0.33	1.09	0.25	0.69	0.61	0.41	0.34	0.45	0.49	0.51	0.28	0.37
O_2		%	0	0.1	9.14	6.05	6.40	6.60	6.38	6.56	6.24	7.97	8.74	7.49	6.40	7.14	6.71	6.91	6.18	7.26
FL1		Sm³	12	10	12,365	15,113	14,637	14,475	14,730	14,477	14,863	12,914	12,339	13,602	14,911	14,116	14,760	14,484	15,023	13,895
TMP		℃	0	1	181.84	182.02	182.25	181.64	181.40	181.33	181.61	181.33	180.87	181.60	181.02	181.05	181.34	180.78	180.82	180.28
TM1		℃	0	1	1,060.47	1,095.43	1,081.35	1,068.66	1,076.99	1,068.09	1,078.78	1,020.67	1,073.82	1,037.49	1,065.99	1,043.82	1,043.59	1,044.51	1,086.25	1,040.61
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

6월 22일 굴뚝별 트랜드

					06-22 00:00	06-22 00:30	06-22 01:00	06-22 01:30	06-22 02:00	06-22 02:30	06-22 03:00	06-22 03:30	06-22 04:00	06-22 04:30	06-22 05:00	06-22 05:30	06-22 06:00	06-22 06:30	06-22 07:00	06-22 07:30
TSP	20	mg/Sm³	12	1	0.77	0.56	0.56	0.60	0.58	0.57	0.60	0.56	0.74	0.66	0.61	0.59	0.59	0.57	0.61	0.60
SOx	30	ppm	12	1	0.00	0.00	0.07	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
NOx	70	ppm	12	1	20.39	21.02	18.61	17.79	22.46	21.04	20.14	21.53	26.46	19.41	19.95	18.65	17.71	17.12	17.01	17.28
HCl	15	ppm	12	1	2.67	2.30	3.32	4.47	2.83	2.71	2.84	3.19	4.29	3.67	3.77	5.40	3.28	2.88	3.86	3.49
CO	50	ppm	12	1	0.88	0.54	0.36	0.44	0.34	0.32	0.45	0.29	0.49	0.66	0.66	0.45	0.38	0.47	0.44	0.40
O_2		%	0	0.1	10.38	6.37	6.29	7.23	6.75	6.73	7.20	6.44	9.53	8.15	7.29	7.19	6.92	6.55	7.30	7.31
FL1		Sm³	12	10	10,636	14,877	15,017	13,823	14,514	14,580	14,229	14,813	11,818	12,865	14,001	14,149	14,576	14,999	13,989	13,937
TMP		℃	0	1	180.30	180.07	181.02	180.30	180.06	180.77	180.56	180.63	180.76	179.88	179.34	179.83	180.33	180.70	180.90	180.80
TM1		℃	0	1	1,019.59	1,082.09	1,073.35	1,045.26	1,068.15	1,063.06	1,036.07	1,082.45	1,068.61	1,018.43	1,027.30	1,036.49	1,031.11	1,057.00	1,044.80	1,045.47
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					06-22 08:00	06-22 08:30	06-22 09:00	06-22 09:30	06-22 10:00	06-22 10:30	06-22 11:00	06-22 11:30	06-22 12:00	06-22 12:30	06-22 13:00	06-22 13:30	06-22 14:00	06-22 14:30	06-22 15:00	06-22 15:30
TSP	20	mg/Sm³	12	1	0.70	0.56	0.55	0.55	0.54	0.54	0.54	0.52	1.25	0.56	0.53	0.52	0.48	0.48	0.53	0.51
SOx	30	ppm	12	1	0.02	0.00	0.00	0.48	0.42	0.00	0.04	0.37	0.00	0.00	0.00	0.01	0.86	0.78	0.00	0.00
NOx	70	ppm	12	1	22.59	18.56	21.41	21.65	24.67	24.70	27.59	28.18	28.29	15.41	11.51	11.83	15.00	16.82	20.43	27.20
HCl	15	ppm	12	1	3.16	3.85	2.46	2.32	4.66	3.17	3.68	4.61	4.75	2.59	2.00	1.66	4.72	6.92	5.99	4.76
CO	50	ppm	12	1	0.36	0.32	0.47	0.46	0.28	0.36	0.37	0.35	4.94	11.69	0.85	3.36	11.57	1.98	0.36	0.44
O_2		%	0	0.1	9.36	6.76	6.77	6.85	6.87	6.95	6.96	6.80	9.98	7.52	7.36	7.14	5.46	5.54	6.69	6.43
FL1		Sm³	12	10	12,306	14,564	14,501	14,545	14,247	14,047	13,954	14,162	11,086	13,656	13,999	14,336	16,426	16,189	14,783	14,942
TMP		℃	0	1	180.31	181.22	181.19	181.31	181.36	181.31	180.95	180.62	180.60	181.17	181.28	181.38	182.35	183.29	183.23	183.16
TM1		℃	0	1	1,055.85	1,065.59	1,069.03	1,054.50	1,090.91	1,092.25	1,101.52	1,099.74	1,083.25	1,038.10	1,000.91	1,003.87	1,076.21	1,077.77	1,066.55	1,081.22
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					06-22 16:00	06-22 16:30	06-22 17:00	06-22 17:30	06-22 18:00	06-22 18:30	06-22 19:00	06-22 19:30	06-22 20:00	06-22 20:30	06-22 21:00	06-22 21:30	06-22 22:00	06-22 22:30	06-22 23:00	06-22 23:30
TSP	20	mg/Sm³	12	1	0.68	0.51	0.52	0.55	0.52	0.52	0.49	0.48	0.68	0.51	0.49	0.53	0.50	0.53	0.54	0.55
SOx	30	ppm	12	1	0.00	0.07	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
NOx	70	ppm	12	1	23.92	21.40	20.51	14.20	14.06	14.93	19.40	11.10	11.37	16.08	17.87	13.15	18.04	19.36	15.26	18.26
HCl	15	ppm	12	1	3.86	3.29	6.44	3.60	2.94	3.73	2.88	2.78	3.13	1.72	1.68	2.15	2.50	3.20	3.56	3.41
CO	50	ppm	12	1	0.99	10.24	0.53	1.29	0.37	0.57	0.52	7.24	55.23	0.57	2.46	1.07	0.72	0.26	0.51	0.35
O_2		%	0	0.1	10.02	6.24	6.35	7.35	6.44	6.37	5.47	5.50	8.87	6.38	5.60	6.70	5.51	6.06	6.44	6.77
FL1		Sm³	12	10	11,749	15,293	15,017	13,848	14,990	14,981	16,013	15,550	11,863	14,432	15,149	14,403	15,775	15,569	14,971	14,598
TMP		℃	0	1	182.25	182.16	182.55	181.87	181.41	182.23	182.35	181.82	181.57	180.90	180.65	180.00	180.42	181.86	181.75	181.39
TM1		℃	0	1	1,006.79	1,053.35	1,065.15	1,004.53	1,047.45	1,070.77	1,092.10	1,079.15	1,071.16	1,053.77	1,081.59	1,029.87	1,103.44	1,066.69	1,067.13	1,053.91
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

6월 23일 굴뚝별 트랜드

					06-23 00:00	06-23 00:30	06-23 01:00	06-23 01:30	06-23 02:00	06-23 02:30	06-23 03:00	06-23 03:30	06-23 04:00	06-23 04:30	06-23 05:00	06-23 05:30	06-23 06:00	06-23 06:30	06-23 07:00	06-23 07:30
TSP	20	mg/Sm³	12	1	0.73	0.58	0.56	0.53	0.54	0.53	0.56	0.54	0.72	0.56	0.55	0.59	0.56	0.57	0.57	0.60
SOx	30	ppm	12	1	0.00	0.00	1.92	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	26.74	13.37	14.96	13.89	16.59	15.23	14.90	16.20	23.83	24.22	23.53	19.98	20.96	25.08	23.46	20.33
HCl	15	ppm	12	1	4.52	3.95	7.19	4.36	4.15	4.33	3.74	2.28	2.17	1.98	3.21	3.25	2.32	2.80	2.19	1.63
CO	50	ppm	12	1	0.92	0.92	2.48	0.77	0.51	14.62	0.65	0.30	0.38	0.35	0.67	0.44	0.29	0.41	0.32	0.67
O_2		%	0	0.1	9.18	6.96	6.62	6.49	6.55	5.61	6.72	6.58	10.32	6.41	5.92	7.45	6.51	6.75	6.95	7.56
FL1		Sm³	12	10	12,311	14,621	14,821	14,883	14,595	16,255	14,798	14,484	11,173	15,140	15,517	13,721	14,816	14,367	14,184	13,461
TMP		℃	0	1	181.65	181.51	181.53	180.17	179.94	180.50	181.03	179.94	179.15	179.98	180.75	180.23	179.79	180.20	179.95	179.37
TM1		℃	0	1	1,066.60	1,026.01	1,029.18	1,015.64	1,050.29	1,071.27	1,028.68	1,050.86	1,036.23	1,075.00	1,095.46	1,041.70	1,073.48	1,070.07	1,065.23	1,034.99
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					06-23 08:00	06-23 08:30	06-23 09:00	06-23 09:30	06-23 10:00	06-23 10:30	06-23 11:00	06-23 11:30	06-23 12:00	06-23 12:30	06-23 13:00	06-23 13:30	06-23 14:00	06-23 14:30	06-23 15:00	06-23 15:30
TSP	20	mg/Sm³	12	1	0.73	0.52	0.64	0.57	0.58	0.56	0.52	0.60	0.71	0.56	0.49	0.54	0.54	0.48	0.57	0.50
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
NOx	70	ppm	12	1	22.19	20.70	14.86	21.95	19.75	23.32	23.09	14.59	25.36	18.43	23.09	23.19	20.30	22.33	12.85	19.27
HCl	15	ppm	12	1	1.41	1.51	2.24	0.87	2.42	2.58	2.49	4.11	2.60	2.01	1.69	1.88	1.90	2.00	3.51	1.94
CO	50	ppm	12	1	0.48	8.06	0.49	7.07	2.11	0.46	1.97	0.46	1.84	0.30	7.13	0.27	0.39	3.44	0.50	1.12
O_2		%	0	0.1	9.17	4.56	8.05	6.87	7.32	7.06	5.67	7.51	8.57	6.68	5.05	6.83	6.63	5.00	7.43	5.92
FL1		Sm³	12	10	12,336	17,190	13,034	14,409	13,820	14,115	15,985	13,789	12,506	14,835	16,443	14,441	14,685	16,651	13,828	15,699
TMP		℃	0	1	179.85	181.33	180.66	179.59	180.34	180.42	181.15	181.23	181.42	181.71	182.01	181.74	181.72	182.40	182.34	182.25
TM1		℃	0	1	1,055.69	1,123.39	1,008.72	1,049.19	1,029.11	1,042.35	1,086.48	1,015.77	1,077.97	1,036.82	1,114.41	1,055.18	1,059.72	1,100.93	1,010.54	1,048.05
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					06-23 16:00	06-23 16:30	06-23 17:00	06-23 17:30	06-23 18:00	06-23 18:30	06-23 19:00	06-23 19:30	06-23 20:00	06-23 20:30	06-23 21:00	06-23 21:30	06-23 22:00	06-23 22:30	06-23 23:00	06-23 23:30
TSP	20	mg/Sm³	12	1	0.67	0.51	0.49	0.50	0.51	0.51	0.48	0.54	0.71	0.56	0.54	0.54	0.54	0.52	0.53	0.51
SOx	30	ppm	12	1	0.00	0.00	0.05	0.34	0.00	0.00	5.09	0.09	0.00	0.01	0.00	0.00	0.49	1.53	0.46	0.67
NOx	70	ppm	12	1	25.75	13.95	16.15	20.72	17.24	20.25	26.98	18.59	29.65	12.11	17.65	17.38	17.18	17.43	22.65	22.47
HCl	15	ppm	12	1	5.57	4.44	3.81	4.02	3.55	4.03	6.11	6.78	6.81	4.29	2.20	3.18	3.40	4.88	4.76	3.95
CO	50	ppm	12	1	1.51	0.70	0.42	1.09	1.25	0.76	3.52	0.62	0.77	1.51	0.48	0.52	0.63	12.72	0.25	0.63
O_2		%	0	0.1	8.91	5.87	6.04	5.39	5.82	5.67	4.75	5.97	8.89	7.11	6.39	6.36	6.09	5.02	5.67	4.87
FL1		Sm³	12	10	12,221	15,716	15,258	15,921	15,651	15,760	16,838	15,447	12,271	13,970	14,865	14,982	15,437	16,516	15,733	16,610
TMP		℃	0	1	182.36	182.79	182.50	182.76	182.69	182.93	182.98	182.87	182.77	182.26	181.63	181.95	181.89	182.25	182.48	182.66
TM1		℃	0	1	1,044.66	1,050.71	1,050.66	1,103.89	1,076.35	1,077.87	1,124.96	1,087.19	1,068.67	1,024.95	1,046.11	1,049.73	1,044.09	1,104.91	1,107.14	1,140.73
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17