7월 21일 굴뚝별 트랜드

					07-21 00:00	07-21 00:30	07-21 01:00	07-21 01:30	07-21 02:00	07-21 02:30	07-21 03:00	07-21 03:30	07-21 04:00	07-21 04:30	07-21 05:00	07-21 05:30	07-21 06:00	07-21 06:30	07-21 07:00	07-21 07:30
TSP	20	mg/Sm³	12	1	0.68	0.47	0.57	0.56	0.55	0.49	0.51	0.53	0.70	0.51	0.55	0.49	0.53	0.50	0.47	0.48
SOx	30	ppm	12	1	0.00	0.74	0.00	0.01	0.00	0.00	0.02	0.00	0.12	0.00	0.00	0.00	0.71	0.24	1.87	0.14
NOx	70	ppm	12	1	19.87	22.78	17.01	17.67	23.04	22.63	25.15	23.65	34.11	23.91	13.15	17.64	12.76	18.10	17.15	13.30
HCl	15	ppm	12	1	5.52	4.73	4.66	4.12	3.37	2.62	3.40	3.38	4.88	2.49	3.13	2.58	2.43	2.60	2.19	3.51
CO	50	ppm	12	1	0.67	0.46	0.56	0.71	0.46	0.22	0.42	0.49	0.53	0.35	0.44	0.24	24.42	0.24	28.74	0.78
O_2		%	0	0.1	11.23	6.37	8.58	7.66	7.98	7.20	6.85	7.24	10.62	6.57	7.91	6.32	7.16	7.00	5.74	6.04
FL1		Sm³	12	10	10,249	14,645	12,370	13,212	13,195	13,916	14,597	14,448	11,307	15,166	13,680	15,432	14,466	14,083	16,511	15,229
TMP		℃	0	1	176.24	174.93	175.30	174.69	174.67	174.48	175.39	176.55	176.74	176.90	176.69	176.40	176.71	175.57	177.03	178.01
TM1		℃	0	1	1,013.36	1,076.66	1,002.09	1,048.55	1,025.93	1,061.35	1,091.59	1,039.49	1,061.31	1,050.96	1,010.70	1,040.77	1,000.95	1,088.42	1,056.40	1,101.19
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

					07-21 08:00	07-21 08:30	07-21 09:00	07-21 09:30	07-21 10:00	07-21 10:30	07-21 11:00	07-21 11:30	07-21 12:00	07-21 12:30	07-21 13:00	07-21 13:30	07-21 14:00	07-21 14:30	07-21 15:00	07-21 15:30
TSP	20	mg/Sm³	12	1	0.62	0.49	0.45	0.48	0.45	0.46	0.46	0.45	0.61	0.48	0.43	0.45	0.46	0.47	0.43	0.47
SOx	30	ppm	12	1	0.00	0.00	0.11	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.24	0.00	0.32	0.01	0.07	0.07
NOx	70	ppm	12	1	18.58	16.42	22.70	19.14	18.35	20.65	27.03	29.09	25.26	20.76	22.18	23.27	20.35	20.88	17.97	18.42
HCl	15	ppm	12	1	3.86	2.98	2.40	2.07	1.61	2.20	1.77	2.50	3.85	1.91	2.43	2.36	2.77	1.59	1.27	1.71
CO	50	ppm	12	1	0.41	0.21	4.01	0.24	0.18	0.24	1.70	0.26	0.47	0.47	0.42	0.28	0.50	0.52	0.86	0.35
O_2		%	0	0.1	9.08	6.61	5.76	6.59	5.81	6.35	6.43	6.24	9.60	7.39	5.93	6.16	6.62	7.32	5.89	6.88
FL1		Sm³	12	10	12,235	14,620	15,759	14,884	15,850	15,097	14,754	15,342	11,676	14,225	15,413	15,733	14,773	13,920	15,691	14,424
TMP		℃	0	1	177.03	176.85	177.41	178.09	177.72	178.45	177.73	178.13	178.75	178.00	178.38	178.77	178.51	177.47	177.66	178.84
TM1		℃	0	1	1,042.30	1,056.83	1,091.97	1,072.41	1,087.16	1,079.81	1,087.91	1,091.49	1,055.87	1,007.23	1,075.26	1,060.05	1,075.03	1,019.80	1,077.85	1,075.69
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

					07-21 16:00	07-21 16:30	07-21 17:00	07-21 17:30	07-21 18:00	07-21 18:30	07-21 19:00	07-21 19:30	07-21 20:00	07-21 20:30	07-21 21:00	07-21 21:30	07-21 22:00	07-21 22:30	07-21 23:00	07-21 23:30
TSP	20	mg/Sm³	12	1	0.57	0.46	0.46	0.43	0.49	0.48	0.47	0.44	0.61	0.49	0.44	0.44	0.47	0.48	0.49	0.48
SOx	30	ppm	12	1	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.03	0.46	0.00	2.96	0.44	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	28.13	20.79	20.56	23.61	18.10	17.70	18.75	19.39	28.02	18.08	23.50	18.95	22.82	19.29	18.97	18.35
HCl	15	ppm	12	1	1.03	1.11	1.50	2.03	2.67	1.92	1.49	1.43	2.46	2.28	1.35	2.68	1.33	1.58	1.70	1.69
CO	50	ppm	12	1	0.42	0.32	0.36	10.34	0.38	0.30	0.27	0.20	0.71	0.45	29.10	2.85	0.31	0.31	0.29	0.30
O_2		%	0	0.1	8.34	6.68	6.86	5.89	7.41	7.27	6.73	5.82	9.08	7.07	5.34	5.86	6.50	6.59	6.66	6.59
FL1		Sm³	12	10	12,867	14,734	14,525	15,391	13,911	14,090	14,828	15,705	12,126	14,372	16,148	14,163	14,588	14,715	14,760	14,795
TMP		℃	0	1	177.80	178.58	178.58	178.25	178.32	177.28	177.34	178.01	178.16	178.24	177.91	177.21	176.59	177.14	177.19	177.04
TM1		℃	0	1	1,058.33	1,067.27	1,062.94	1,098.19	1,046.54	1,023.83	1,032.45	1,083.11	1,106.07	1,064.17	1,074.60	1,125.88	1,082.06	1,064.19	1,044.49	1,046.98
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

7월 22일 굴뚝별 트랜드

					07-22 00:00	07-22 00:30	07-22 01:00	07-22 01:30	07-22 02:00	07-22 02:30	07-22 03:00	07-22 03:30	07-22 04:00	07-22 04:30	07-22 05:00	07-22 05:30	07-22 06:00	07-22 06:30	07-22 07:00	07-22 07:30
TSP	20	mg/Sm³	12	1	0.60	0.47	0.49	0.48	0.45	0.54	0.53	0.49	0.66	0.50	0.47	0.48	0.50	0.48	0.49	0.51
SOx	30	ppm	12	1	0.00	0.00	0.00	0.06	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.16	0.00	0.00	0.05
NOx	70	ppm	12	1	29.49	19.10	19.61	15.54	19.98	11.29	14.78	18.20	14.69	15.25	18.31	18.26	15.79	18.86	19.21	18.07
HCl	15	ppm	12	1	2.09	2.20	2.10	2.86	2.11	2.57	1.81	1.48	3.12	1.50	1.60	2.75	4.24	3.39	3.44	3.22
CO	50	ppm	12	1	0.37	0.19	0.26	0.20	0.36	0.35	0.39	0.38	0.59	0.36	0.29	0.24	0.28	0.37	0.17	0.28
O_2		%	0	0.1	7.93	6.10	6.88	6.71	5.48	7.97	7.76	6.55	9.57	7.19	5.79	5.81	6.51	5.82	6.16	6.98
FL1		Sm³	12	10	13,135	15,180	14,371	14,326	15,783	13,144	13,533	14,958	11,456	13,985	15,818	15,722	14,935	15,730	15,251	14,399
TMP		℃	0	1	177.50	178.20	177.03	176.71	176.31	176.85	176.25	176.27	176.54	176.86	176.77	177.40	177.70	177.68	178.14	177.71
TM1		℃	0	1	1,109.82	1,089.77	1,045.81	1,070.75	1,105.73	1,033.35	999.93	1,017.42	1,070.19	1,014.08	1,079.23	1,072.47	1,072.38	1,076.17	1,075.03	1,044.10
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

					07-22 08:00	07-22 08:30	07-22 09:00	07-22 09:30	07-22 10:00	07-22 10:30	07-22 11:00	07-22 11:30	07-22 12:00	07-22 12:30	07-22 13:00	07-22 13:30	07-22 14:00	07-22 14:30	07-22 15:00	07-22 15:30
TSP	20	mg/Sm³	12	1	0.61	0.46	0.48	0.47	0.43	0.45	0.43	0.44	0.60	0.44	0.48	0.45	0.47	0.46	0.46	0.44
SOx	30	ppm	12	1	1.88	0.00	0.00	0.00	0.09	1.26	0.25	0.00	0.56	0.13	0.72	0.09	0.05	0.00	0.00	0.09
NOx	70	ppm	12	1	29.43	19.08	20.86	19.81	20.73	16.33	19.64	19.54	32.45	22.53	14.12	20.62	21.51	22.03	14.46	24.62
HCl	15	ppm	12	1	4.61	2.97	2.93	3.03	2.73	4.08	3.70	3.06	2.93	1.33	2.51	1.38	1.71	1.82	1.96	1.84
CO	50	ppm	12	1	3.41	0.24	0.28	0.38	7.48	15.79	14.11	1.09	22.65	4.98	22.26	23.45	9.86	0.51	0.43	1.98
O_2		%	0	0.1	7.74	6.02	6.76	6.45	5.09	6.09	5.25	5.75	8.58	6.15	7.17	6.42	6.50	6.91	6.72	5.61
FL1		Sm³	12	10	12,943	15,338	14,489	14,895	16,409	15,286	16,545	15,476	11,600	14,972	13,029	14,824	14,720	14,642	14,843	15,918
TMP		℃	0	1	178.19	178.82	178.21	178.05	178.50	179.10	179.05	179.71	177.96	177.67	177.08	177.02	177.73	177.98	177.83	178.08
TM1		℃	0	1	1,120.64	1,084.72	1,072.39	1,071.28	1,105.34	1,082.93	1,089.61	1,095.93	1,111.07	1,089.29	1,079.63	1,076.44	1,080.55	1,047.85	1,041.47	1,088.65
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

					07-22 16:00	07-22 16:30	07-22 17:00	07-22 17:30	07-22 18:00	07-22 18:30	07-22 19:00	07-22 19:30	07-22 20:00	07-22 20:30	07-22 21:00	07-22 21:30	07-22 22:00	07-22 22:30	07-22 23:00	07-22 23:30
TSP	20	mg/Sm³	12	1	0.60	0.42	0.46	0.50	0.47	0.50	0.49	0.44	0.62	0.47	0.44	0.44	0.45	0.45	0.47	0.50
SOx	30	ppm	12	1	0.00	0.90	0.00	0.02	0.04	0.00	0.00	1.25	0.00	0.00	0.00	0.11	0.08	0.17	0.01	0.05
NOx	70	ppm	12	1	32.29	24.36	23.35	22.27	19.27	16.05	12.48	20.77	14.87	14.65	20.71	16.13	18.28	15.68	14.46	22.73
HCl	15	ppm	12	1	2.56	1.49	2.66	3.18	2.53	2.80	2.46	4.90	6.35	2.32	2.81	3.82	4.05	4.33	3.29	2.87
CO	50	ppm	12	1	0.37	30.80	2.40	0.38	1.14	0.42	0.53	0.40	0.59	0.81	0.32	1.20	0.53	0.41	0.46	0.46
O_2		%	0	0.1	9.89	5.13	6.39	7.71	6.59	7.35	8.03	6.52	9.23	7.19	6.05	5.60	5.69	6.27	6.57	7.13
FL1		Sm³	12	10	11,285	16,576	14,965	13,392	14,937	14,030	13,033	15,447	12,157	13,766	15,368	16,046	16,003	15,018	14,745	15,389
TMP		℃	0	1	178.12	177.57	178.94	178.16	177.52	178.19	176.51	175.91	178.02	176.92	175.76	177.79	177.85	178.00	177.06	177.93
TM1		℃	0	1	1,045.29	1,105.05	1,085.63	1,061.16	1,045.23	1,013.01	977.24	1,046.44	1,043.15	1,011.15	1,083.75	1,084.38	1,085.15	1,073.48	1,076.87	1,020.11
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

7월 23일 굴뚝별 트랜드

					07-23 00:00	07-23 00:30	07-23 01:00	07-23 01:30	07-23 02:00	07-23 02:30	07-23 03:00	07-23 03:30	07-23 04:00	07-23 04:30	07-23 05:00	07-23 05:30	07-23 06:00	07-23 06:30	07-23 07:00	07-23 07:30
TSP	20	mg/Sm³	12	1	0.72	0.47	0.42	0.48	0.49	0.46	0.45	0.44	0.66	0.42	0.55	0.50	0.51	0.48	0.47	0.50
SOx	30	ppm	12	1	0.89	0.15	1.25	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.51	1.20	4.80	0.61	0.08	0.00
NOx	70	ppm	12	1	34.29	22.22	20.22	18.06	22.07	23.79	20.28	17.23	17.64	26.63	14.42	22.16	16.20	20.20	16.49	13.77
HCl	15	ppm	12	1	7.15	2.77	3.83	3.52	2.88	2.85	2.58	2.54	3.46	3.06	8.01	4.55	6.85	3.31	2.05	2.46
CO	50	ppm	12	1	1.26	0.44	34.64	3.15	3.62	1.24	5.36	7.05	0.90	20.23	0.99	5.36	14.27	31.21	30.33	0.82
O_2		%	0	0.1	11.65	6.55	4.42	6.52	6.61	5.82	5.34	5.14	10.41	4.17	7.43	6.34	6.83	6.20	6.20	7.10
FL1		Sm³	12	10	10,211	15,172	16,889	14,158	13,931	14,984	15,453	15,684	10,849	18,952	14,645	15,982	13,754	14,755	14,226	13,476
TMP		℃	0	1	178.97	177.95	177.68	177.47	175.68	175.72	175.55	175.48	174.98	176.42	180.34	180.05	178.40	177.07	176.25	175.12
TM1		℃	0	1	1,003.12	1,020.35	1,112.54	1,072.11	1,061.51	1,079.52	1,087.35	1,101.69	1,026.87	1,121.58	1,060.36	1,050.57	1,066.39	1,085.32	1,068.12	1,046.25
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

					07-23 08:00	07-23 08:30	07-23 09:00	07-23 09:30	07-23 10:00	07-23 10:30	07-23 11:00	07-23 11:30	07-23 12:00	07-23 12:30	07-23 13:00	07-23 13:30	07-23 14:00	07-23 14:30	07-23 15:00	07-23 15:30
TSP	20	mg/Sm³	12	1	0.62	0.44	0.50	0.47	0.41	0.44	0.39	0.43	0.56	0.45	0.47	0.44	0.46	0.44	0.44	0.42
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	0.01
NOx	70	ppm	12	1	12.50	16.21	7.02	10.96	14.04	10.93	10.34	10.91	9.31	9.33	11.00	16.17	14.51	14.67	16.91	18.89
HCl	15	ppm	12	1	3.08	1.77	2.42	1.85	1.53	2.01	1.52	1.65	2.56	2.07	0.62	0.71	0.77	0.65	0.84	0.98
CO	50	ppm	12	1	0.77	1.93	1.30	0.48	17.29	0.33	16.56	0.71	5.63	1.62	0.37	0.24	0.24	0.25	0.25	9.28
O_2		%	0	0.1	9.09	5.56	7.49	6.74	4.68	6.11	4.71	5.72	8.62	6.56	6.99	6.17	6.62	6.13	5.95	5.64
FL1		Sm³	12	10	11,530	15,194	13,132	14,100	16,334	14,836	16,308	14,887	12,426	14,598	14,789	15,848	15,105	15,752	16,065	15,112
TMP		℃	0	1	175.46	174.98	175.40	174.30	175.37	176.56	176.39	177.23	176.07	176.75	176.39	177.37	177.96	177.35	178.27	177.96
TM1		℃	0	1	1,010.46	1,068.59	1,021.75	1,029.35	1,088.61	1,062.59	1,076.75	1,091.61	1,032.40	1,062.11	1,012.57	1,061.51	1,060.44	1,049.79	1,077.50	1,098.03
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

					07-23 16:00	07-23 16:30	07-23 17:00	07-23 17:30	07-23 18:00	07-23 18:30	07-23 19:00	07-23 19:30	07-23 20:00	07-23 20:30	07-23 21:00	07-23 21:30	07-23 22:00	07-23 22:30	07-23 23:00	07-23 23:30
TSP	20	mg/Sm³	12	1	0.56	0.44	0.46	0.40	0.75	0.43	0.44	0.44	0.60	0.43	0.45	0.45	0.43	0.46	0.46	0.48
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	31.56	12.16	7.29	9.01	9.95	7.35	7.44	6.07	6.33	10.40	5.85	7.69	8.00	5.58	14.67	12.22
HCl	15	ppm	12	1	1.31	1.04	0.96	0.81	1.33	1.34	1.26	1.11	1.83	1.07	1.17	0.37	0.54	0.49	0.49	0.95
CO	50	ppm	12	1	0.35	0.31	0.81	9.63	0.75	0.34	1.04	3.68	2.09	0.77	8.77	0.81	9.46	1.08	0.19	0.29
O_2		%	0	0.1	8.60	6.40	7.11	5.20	5.85	6.48	6.04	5.82	9.19	5.73	5.78	5.90	5.17	6.23	6.05	6.84
FL1		Sm³	12	10	11,958	14,304	13,744	15,838	14,988	14,184	15,016	15,244	11,577	15,374	15,406	15,347	16,111	14,964	15,374	14,456
TMP		℃	0	1	176.59	176.39	175.75	175.75	176.40	175.58	175.35	176.17	175.84	175.17	175.54	175.47	174.68	175.64	175.72	176.12
TM1		℃	0	1	1,091.21	1,063.26	998.20	1,053.61	1,064.53	1,026.37	1,047.24	1,041.19	1,023.33	1,038.03	1,066.91	1,044.13	1,062.97	1,038.97	1,053.99	1,022.82
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