8월 23일 굴뚝별 트랜드

					08-23 00:00	08-23 00:30	08-23 01:00	08-23 01:30	08-23 02:00	08-23 02:30	08-23 03:00	08-23 03:30	08-23 04:00	08-23 04:30	08-23 05:00	08-23 05:30	08-23 06:00	08-23 06:30	08-23 07:00	08-23 07:30
TSP	20	mg/Sm³	12	1	0.65	0.50	0.49	0.50	0.56	0.51	0.65	0.53	0.68	0.48	0.45	0.54	0.51	0.60	0.57	0.51
SOx	30	ppm	12	1	0.13	2.00	3.01	0.10	0.00	0.00	0.00	0.24	3.37	4.56	7.25	0.14	0.00	0.00	0.00	14.42
NOx	70	ppm	12	1	22.37	18.21	21.13	13.19	14.03	13.91	18.25	18.07	16.83	16.10	22.64	13.42	18.72	11.02	18.00	21.38
HCl	15	ppm	12	1	7.39	7.26	9.94	7.15	5.31	3.60	4.10	3.14	7.41	1.53	4.93	4.18	2.06	3.16	1.80	10.50
CO	50	ppm	12	1	1.04	0.30	0.21	1.05	0.72	0.61	1.54	0.84	6.88	28.19	26.40	0.40	0.32	0.98	0.73	0.42
O_2		%	0	0.1	9.47	6.58	5.99	6.17	8.13	7.25	9.83	7.44	9.25	4.84	3.83	7.07	6.43	8.55	8.14	6.48
FL1		Sm³	12	10	11,761	15,018	15,751	15,198	13,157	14,017	11,766	14,841	11,771	17,328	17,616	13,992	14,853	12,214	14,210	15,899
TMP		℃	0	1	187.84	187.69	188.47	188.68	187.72	186.98	187.21	186.70	187.90	188.49	189.31	188.71	187.42	186.93	186.12	188.15
TM1		℃	0	1	1,078.87	1,070.07	1,098.60	1,062.11	1,000.11	1,042.70	932.37	1,018.00	1,063.21	1,108.19	1,180.49	1,045.25	1,063.63	977.87	1,004.18	1,067.87
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

					08-23 08:00	08-23 08:30	08-23 09:00	08-23 09:30	08-23 10:00	08-23 10:30	08-23 11:00	08-23 11:30	08-23 12:00	08-23 12:30	08-23 13:00	08-23 13:30	08-23 14:00	08-23 14:30	08-23 15:00	08-23 15:30
TSP	20	mg/Sm³	12	1	0.69	0.52	0.54	0.40	0.43	0.41	6.95	0.36	0.36	0.36	0.35	0.36	0.35	0.35	0.35	0.50
SOx	30	ppm	12	1	1.35	0.68	14.12	0.55	0.24	11.16	15.06	0.16	0.24	0.28	0.39	0.53	0.49	0.00	0.20	0.00
NOx	70	ppm	12	1	17.15	16.45	15.22	2.47	0.07	26.48	33.89	0.00	0.02	0.00	0.00	0.00	8.26	42.61	40.78	18.29
HCl	15	ppm	12	1	13.38	4.82	18.52	1.65	0.41	25.08	0.54	0.19	0.16	0.17	0.16	0.13	0.14	1.60	2.76	3.25
CO	50	ppm	12	1	0.62	0.42	0.28	0.06	0.02	32.63	42.91	0.00	0.00	0.01	0.01	0.00	0.06	0.60	0.90	0.61
O_2		%	0	0.1	9.01	6.31	7.29	18.79	19.49	4.82	16.65	21.13	21.13	21.10	20.91	20.90	17.84	7.05	6.05	7.87
FL1		Sm³	12	10	13,001	15,488	13,797	19,611	20,162	19,932	20,176	20,544	19,997	18,727	18,947	18,316	17,656	18,564	19,005	13,660
TMP		℃	0	1	189.51	189.62	189.06	188.30	189.53	190.11	189.76	190.08	190.59	189.47	188.43	187.84	186.67	186.14	186.65	187.41
TM1		℃	0	1	1,055.53	1,067.32	1,050.95	1,084.89	1,073.64	1,088.42	997.03	1,065.57	1,087.51	1,040.86	1,048.07	1,043.80	1,078.60	1,076.65	1,093.33	1,010.70
TM3		℃	0	1	36.25	36.25	36.25	36.21	36.21	36.22	36.23	36.21	36.21	36.17	36.03	35.91	35.83	35.88	35.85	35.77

					08-23 16:00	08-23 16:30	08-23 17:00	08-23 17:30	08-23 18:00	08-23 18:30	08-23 19:00	08-23 19:30	08-23 20:00	08-23 20:30	08-23 21:00	08-23 21:30	08-23 22:00	08-23 22:30	08-23 23:00	08-23 23:30
TSP	20	mg/Sm³	12	1	0.60	0.46	0.49	0.47	0.46	0.48	0.48	0.47	0.60	0.50	0.49	0.54	0.46	0.45	0.45	0.42
SOx	30	ppm	12	1	0.00	0.18	0.00	0.12	0.22	0.00	0.00	0.09	0.00	0.00	1.13	0.58	4.84	1.11	0.35	1.25
NOx	70	ppm	12	1	19.53	23.26	16.96	20.63	16.09	17.12	17.81	16.66	19.58	14.15	15.99	13.68	21.14	8.17	10.36	15.44
HCl	15	ppm	12	1	3.97	3.36	4.89	2.46	4.78	3.91	2.54	5.52	6.43	3.54	5.53	7.83	9.82	6.68	6.06	3.34
CO	50	ppm	12	1	0.53	0.41	0.70	0.54	0.42	0.50	0.48	0.36	0.47	0.52	0.43	0.84	1.42	0.89	0.53	1.40
O_2		%	0	0.1	9.68	6.52	7.35	6.99	6.61	7.45	7.22	6.93	9.23	7.76	7.27	8.37	6.45	6.18	6.43	5.52
FL1		Sm³	12	10	11,969	15,481	14,381	14,798	15,134	13,955	14,567	14,776	12,183	13,551	14,063	12,855	15,296	14,757	14,769	15,649
TMP		℃	0	1	187.59	187.84	188.47	187.86	187.98	188.08	187.71	188.09	187.99	186.92	186.44	186.19	185.57	185.09	185.75	186.09
TM1		℃	0	1	1,036.25	1,045.36	1,019.93	1,026.96	1,048.19	1,029.15	1,025.48	1,045.77	1,057.81	1,019.06	1,035.31	984.64	1,063.50	1,052.59	1,048.26	1,098.91
TM3		℃	0	1	35.82	35.81	35.83	35.83	35.83	35.79	35.79	35.82	35.88	35.87	35.86	35.90	35.91	35.94	35.94	35.90

8월 24일 굴뚝별 트랜드

					08-24 00:00	08-24 00:30	08-24 01:00	08-24 01:30	08-24 02:00	08-24 02:30	08-24 03:00	08-24 03:30	08-24 04:00	08-24 04:30	08-24 05:00	08-24 05:30	08-24 06:00	08-24 06:30	08-24 07:00	08-24 07:30
TSP	20	mg/Sm³	12	1	0.61	0.54	0.56	0.48	0.43	0.43	0.45	0.51	0.61	0.47	0.50	0.43	0.50	0.49	0.49	0.55
SOx	30	ppm	12	1	0.24	0.00	0.00	3.38	0.89	0.02	0.01	0.02	0.06	0.21	0.00	1.03	0.33	0.01	0.57	0.00
NOx	70	ppm	12	1	18.15	9.17	16.65	15.63	14.19	19.93	17.65	12.25	15.30	14.28	14.26	14.10	9.03	13.71	15.22	12.73
HCl	15	ppm	12	1	7.18	3.28	3.00	5.24	6.44	2.57	2.90	3.84	4.73	2.94	2.81	2.80	6.56	2.70	6.21	4.19
CO	50	ppm	12	1	0.42	1.05	0.97	2.02	4.19	0.21	0.25	0.42	0.58	0.54	0.62	13.89	0.90	0.65	0.60	1.48
O_2		%	0	0.1	9.77	8.59	9.03	7.30	5.40	5.60	6.59	7.86	10.00	6.81	7.58	5.43	7.55	7.16	7.40	9.08
FL1		Sm³	12	10	11,353	12,412	12,862	15,335	16,868	16,360	14,946	13,525	11,978	14,661	13,883	16,725	13,806	14,335	13,922	12,188
TMP		℃	0	1	186.80	185.92	185.34	187.39	191.01	190.61	188.99	188.29	187.94	187.32	187.31	188.15	188.53	187.08	186.62	186.87
TM1		℃	0	1	1,038.73	983.64	978.59	1,053.10	1,090.42	1,107.43	1,083.17	1,023.85	1,022.54	1,066.24	1,017.49	1,091.22	1,013.33	1,030.31	1,047.21	956.25
TM3		℃	0	1	35.90	35.90	35.86	35.86	35.86	35.87	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.93	35.94	35.94

					08-24 08:00	08-24 08:30	08-24 09:00	08-24 09:30	08-24 10:00	08-24 10:30	08-24 11:00	08-24 11:30	08-24 12:00	08-24 12:30	08-24 13:00	08-24 13:30	08-24 14:00	08-24 14:30	08-24 15:00	08-24 15:30
TSP	20	mg/Sm³	12	1	0.58	0.47	0.43	0.45	0.46	0.45	0.47	0.43	0.61	0.45	0.48	0.43	0.43	0.40	0.46	0.45
SOx	30	ppm	12	1	0.43	0.00	0.13	0.28	0.23	0.00	0.00	0.23	0.00	0.27	0.00	0.30	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	19.45	12.99	14.16	13.16	12.52	14.45	14.12	17.96	18.14	17.27	15.23	16.03	14.05	15.49	10.97	8.82
HCl	15	ppm	12	1	5.93	5.73	4.42	4.88	3.46	2.59	3.51	2.43	5.12	3.49	5.33	6.99	5.62	3.45	3.53	2.74
CO	50	ppm	12	1	1.07	0.34	0.35	0.37	0.38	0.36	0.40	0.25	0.44	0.29	0.35	0.30	0.43	0.40	0.49	2.95
O_2		%	0	0.1	8.88	7.25	6.08	6.38	6.70	6.42	7.01	5.77	10.22	6.41	7.31	6.06	5.70	4.96	7.02	6.48
FL1		Sm³	12	10	12,039	14,277	15,992	15,383	14,809	15,332	14,684	15,895	11,210	15,193	14,263	15,831	16,259	15,816	14,293	14,656
TMP		℃	0	1	186.63	187.83	188.36	188.95	188.77	188.68	189.13	188.86	188.77	188.63	188.86	188.97	189.55	189.32	188.13	187.93
TM1		℃	0	1	1,112.00	1,042.13	1,068.92	1,052.89	1,050.94	1,058.93	1,028.01	1,111.83	1,031.13	1,083.67	1,042.25	1,066.40	1,096.14	1,108.28	1,036.37	1,055.43
TM3		℃	0	1	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.91	35.90	35.90	35.90	35.90	35.90	35.90	35.90

					08-24 16:00	08-24 16:30	08-24 17:00	08-24 17:30	08-24 18:00	08-24 18:30	08-24 19:00	08-24 19:30	08-24 20:00	08-24 20:30	08-24 21:00	08-24 21:30	08-24 22:00	08-24 22:30	08-24 23:00	08-24 23:30
TSP	20	mg/Sm³	12	1	0.57	0.47	0.45	0.49	0.46	0.45	0.45	0.44	0.58	0.47	0.47	0.53	0.49	0.46	0.45	0.46
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.47	1.18	0.00	0.00	0.00
NOx	70	ppm	12	1	8.61	5.15	9.84	8.18	9.35	12.62	14.21	15.04	15.85	14.48	10.80	12.20	15.92	21.14	20.49	17.30
HCl	15	ppm	12	1	3.76	2.12	1.56	2.45	1.20	1.23	3.03	3.70	4.39	3.33	4.30	6.43	11.33	4.11	2.73	3.35
CO	50	ppm	12	1	7.50	0.80	0.57	0.55	0.38	0.20	0.18	0.23	0.54	0.30	0.29	0.53	0.29	0.09	0.14	0.27
O_2		%	0	0.1	8.74	7.19	6.70	7.61	7.20	6.77	6.64	6.19	9.47	6.94	7.31	8.59	7.58	6.47	6.26	6.73
FL1		Sm³	12	10	11,967	13,499	14,557	13,575	13,992	14,406	14,700	15,428	12,033	14,401	13,495	12,687	14,014	14,473	15,090	14,530
TMP		℃	0	1	187.67	187.39	186.28	186.53	187.10	187.34	187.76	188.33	187.94	188.02	187.32	186.21	186.43	187.37	187.32	187.44
TM1		℃	0	1	1,054.91	1,021.23	1,059.97	1,018.49	1,037.70	1,058.77	1,068.19	1,060.07	1,046.09	1,036.13	1,044.35	1,008.77	1,043.43	1,087.35	1,088.73	1,046.03
TM3		℃	0	1	35.88	35.85	35.79	35.82	35.84	35.86	35.90	35.90	35.90	35.90	35.90	35.90	35.90	35.86	35.86	35.84

8월 25일 굴뚝별 트랜드

					08-25 00:00	08-25 00:30	08-25 01:00	08-25 01:30	08-25 02:00	08-25 02:30	08-25 03:00	08-25 03:30	08-25 04:00	08-25 04:30	08-25 05:00	08-25 05:30	08-25 06:00	08-25 06:30	08-25 07:00	08-25 07:30
TSP	20	mg/Sm³	12	1	0.60	0.45	0.46	0.47	0.49	0.51	0.50	0.47	0.59	0.48	0.48	0.46	0.47	0.49	0.43	0.48
SOx	30	ppm	12	1	0.00	0.49	0.59	0.14	0.00	0.00	0.35	0.00	0.05	0.26	0.00	0.54	0.03	0.00	1.01	0.07
NOx	70	ppm	12	1	13.67	17.22	15.75	18.67	16.73	16.07	19.44	19.27	22.84	21.80	21.43	23.17	19.01	19.36	25.71	21.57
HCl	15	ppm	12	1	4.44	2.64	5.74	4.68	3.77	3.92	4.68	3.48	4.34	4.16	2.78	3.59	4.77	3.24	2.48	5.23
CO	50	ppm	12	1	0.51	0.30	0.37	0.16	0.14	0.20	0.20	0.21	0.25	0.24	0.36	1.41	0.22	0.25	0.39	0.15
O_2		%	0	0.1	10.18	6.40	6.82	6.82	7.34	7.63	7.42	6.84	8.76	6.79	6.88	6.07	6.58	7.24	5.10	6.75
FL1		Sm³	12	10	11,070	14,693	14,093	13,772	13,258	13,396	13,576	14,155	12,559	14,177	14,306	15,737	14,670	13,839	16,624	14,346
TMP		℃	0	1	187.25	186.31	186.68	186.72	186.15	185.98	186.08	186.15	186.73	187.22	186.77	187.11	187.81	187.17	186.62	187.19
TM1		℃	0	1	1,020.74	1,066.74	1,052.41	1,083.85	1,067.16	1,052.65	1,061.89	1,068.05	1,088.53	1,090.11	1,074.59	1,098.20	1,075.85	1,064.64	1,103.36	1,073.11
TM3		℃	0	1	35.79	35.90	35.93	35.94	35.94	35.94	35.94	35.94	35.93	35.90	35.90	35.88	35.85	35.81	35.78	35.88

					08-25 08:00	08-25 08:30	08-25 09:00	08-25 09:30	08-25 10:00	08-25 10:30	08-25 11:00	08-25 11:30	08-25 12:00	08-25 12:30	08-25 13:00	08-25 13:30	08-25 14:00	08-25 14:30	08-25 15:00	08-25 15:30
TSP	20	mg/Sm³	12	1	0.61	0.49	0.45	0.50	0.46	0.46	0.47	0.51	0.62	0.47	0.45	0.47	0.50	0.52	0.50	0.48
SOx	30	ppm	12	1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.88	1.68	0.00	0.00
NOx	70	ppm	12	1	29.94	24.65	28.51	24.42	27.10	22.15	21.54	18.15	24.32	18.63	21.35	23.13	23.95	18.14	23.20	23.85
HCl	15	ppm	12	1	4.22	2.45	2.61	3.84	2.74	3.21	3.62	3.07	2.73	2.69	2.44	2.48	3.09	3.06	2.52	2.06
CO	50	ppm	12	1	0.35	0.31	0.26	0.33	0.24	0.26	0.13	0.20	0.17	0.19	0.40	0.48	0.37	18.63	0.46	0.39
O_2		%	0	0.1	9.23	7.22	5.57	7.04	6.66	6.46	6.53	7.74	9.76	6.70	6.08	6.36	7.20	7.40	7.41	6.70
FL1		Sm³	12	10	11,812	13,909	15,982	13,997	14,345	15,039	15,177	13,665	12,072	15,288	15,838	15,442	14,154	13,780	13,954	14,709
TMP		℃	0	1	187.49	186.79	187.36	187.83	186.71	186.09	187.46	187.84	187.50	188.94	189.81	189.60	189.03	188.19	187.52	187.16
TM1		℃	0	1	1,067.63	1,043.41	1,103.87	1,071.74	1,095.69	1,096.45	1,112.96	1,038.07	1,049.25	1,043.72	1,079.07	1,079.33	1,073.55	1,042.45	1,032.75	1,058.81
TM3		℃	0	1	35.92	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.94	35.92	35.90	35.90	35.90

					08-25 16:00	08-25 16:30	08-25 17:00	08-25 17:30	08-25 18:00	08-25 18:30	08-25 19:00	08-25 19:30	08-25 20:00	08-25 20:30	08-25 21:00	08-25 21:30	08-25 22:00	08-25 22:30	08-25 23:00	08-25 23:30
TSP	20	mg/Sm³	12	1	0.60	0.48	0.49	0.44	0.48	0.48	0.48	0.50	0.60	0.50	0.54	0.47	0.46	0.45	0.49	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	2.16	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	23.82	19.82	18.62	18.69	16.71	14.74	11.48	14.55	17.61	12.37	12.00	18.82	13.73	18.41	15.64	19.73
HCl	15	ppm	12	1	2.79	1.77	1.99	2.00	2.06	1.59	2.03	1.72	2.40	1.97	1.48	1.25	1.87	1.63	2.97	1.93
CO	50	ppm	12	1	0.46	0.41	0.17	20.57	0.21	0.30	0.28	0.39	0.49	0.35	0.35	0.12	0.21	0.20	0.37	0.17
O_2		%	0	0.1	9.47	6.87	7.17	5.63	6.83	7.09	7.07	7.19	9.10	7.32	8.35	6.70	6.48	6.09	7.30	6.22
FL1		Sm³	12	10	11,997	14,252	13,565	15,599	14,198	14,163	13,906	14,027	12,520	13,635	12,842	14,292	14,290	14,629	13,154	14,415
TMP		℃	0	1	187.22	187.02	185.96	186.17	186.94	186.88	186.74	186.16	186.48	186.75	185.00	184.40	185.95	185.99	185.66	184.98
TM1		℃	0	1	1,063.15	1,057.15	1,071.79	1,121.79	1,054.71	1,045.87	1,036.36	1,048.24	1,036.37	1,024.30	1,014.60	1,073.61	1,064.53	1,084.23	1,027.48	1,071.37
TM3		℃	0	1	35.90	35.90	35.87	35.86	35.86	35.86	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83