10월 31일 굴뚝별 트랜드

					10-31 00:00	10-31 00:30	10-31 01:00	10-31 01:30	10-31 02:00	10-31 02:30	10-31 03:00	10-31 03:30	10-31 04:00	10-31 04:30	10-31 05:00	10-31 05:30	10-31 06:00	10-31 06:30	10-31 07:00	10-31 07:30
TSP	20	mg/Sm³	12	1	0.78	0.76	0.61	0.66	0.69	0.69	0.59	0.62	0.76	0.62	0.59	0.54	0.57	0.58	0.60	0.57
SOx	30	ppm	12	1	0.67	2.22	2.02	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.57	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	23.30	15.89	28.47	21.81	22.60	20.65	25.91	17.64	33.60	21.80	26.68	24.97	22.97	20.47	22.45	23.17
HCl	15	ppm	12	1	11.25	9.26	3.39	8.65	7.21	4.16	1.37	0.44	2.25	0.96	1.69	0.99	1.89	2.40	2.47	1.91
CO	50	ppm	12	1	0.62	1.41	0.44	0.54	0.77	0.65	0.30	0.49	0.51	0.47	0.23	0.90	0.17	0.31	0.43	0.20
O_2		%	0	0.1	10.56	9.38	7.13	8.00	8.51	8.37	6.32	7.56	9.57	6.95	6.43	5.16	6.25	6.80	7.31	6.35
FL1		Sm³	12	10	11,783	11,842	14,348	13,453	12,705	12,898	14,959	12,791	12,313	14,783	15,096	15,799	14,082	13,595	13,142	13,959
TMP		℃	0	1	184.22	184.45	182.86	183.58	184.30	183.74	183.85	183.23	182.32	184.13	185.07	184.75	183.77	182.83	182.09	182.07
TM1		℃	0	1	1,024.07	960.09	1,045.60	1,025.69	985.83	999.53	1,064.10	1,017.07	1,049.23	1,032.69	1,062.51	1,109.43	1,081.81	1,067.34	1,037.68	1,082.57
TM3		℃	0	1	36.31	36.30	36.29	36.29	36.29	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					10-31 08:00	10-31 08:30	10-31 09:00	10-31 09:30	10-31 10:00	10-31 10:30	10-31 11:00	10-31 11:30	10-31 12:00	10-31 12:30	10-31 13:00	10-31 13:30	10-31 14:00	10-31 14:30	10-31 15:00	10-31 15:30
TSP	20	mg/Sm³	12	1	0.76	0.60	0.60	0.58	0.56	0.54	0.53	0.55	0.71	0.55	0.53	0.53	0.54	0.51	0.53	0.53
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	0.17	0.48	0.03	0.00
NOx	70	ppm	12	1	32.66	21.16	21.71	24.12	25.04	20.08	20.71	16.40	30.38	20.80	17.37	17.92	20.00	20.74	16.19	21.17
HCl	15	ppm	12	1	6.03	1.06	1.35	1.40	1.26	0.18	0.48	1.47	4.17	1.87	1.17	1.77	2.89	2.13	4.14	3.23
CO	50	ppm	12	1	0.26	0.25	0.29	0.23	0.44	0.63	4.81	0.50	4.02	0.31	0.50	0.43	12.05	15.84	0.50	0.40
O_2		%	0	0.1	10.15	6.90	6.90	6.77	6.38	6.07	5.61	6.55	8.40	6.45	5.97	6.30	6.47	5.66	6.46	6.13
FL1		Sm³	12	10	10,550	13,372	13,473	13,924	14,402	15,080	15,348	14,281	11,852	14,205	14,774	14,356	14,124	14,991	14,414	14,795
TMP		℃	0	1	181.93	182.01	182.17	182.89	183.57	184.28	184.70	184.26	184.31	184.31	184.41	184.49	184.22	184.60	185.01	185.18
TM1		℃	0	1	1,061.00	1,073.01	1,069.71	1,065.92	1,068.90	1,058.63	1,074.93	1,037.09	1,079.46	1,059.83	1,055.73	1,042.99	1,059.11	1,073.83	1,049.88	1,052.35
TM3		℃	0	1	36.28	36.28	36.28	36.31	36.32	36.32	36.33	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					10-31 16:00	10-31 16:30	10-31 17:00	10-31 17:30	10-31 18:00	10-31 18:30	10-31 19:00	10-31 19:30	10-31 20:00	10-31 20:30	10-31 21:00	10-31 21:30	10-31 22:00	10-31 22:30	10-31 23:00	10-31 23:30
TSP	20	mg/Sm³	12	1	0.70	0.53	0.59	0.55	0.56	0.56	0.56	0.60	0.75	0.60	0.56	0.56	0.57	0.64	0.59	0.60
SOx	30	ppm	12	1	0.00	0.02	0.84	0.01	0.00	0.13	0.63	0.03	0.10	0.00	0.78	0.00	0.01	0.00	0.01	0.00
NOx	70	ppm	12	1	23.86	21.48	17.43	22.55	19.27	19.92	24.37	19.51	28.76	16.79	21.96	27.54	23.84	18.06	21.97	21.82
HCl	15	ppm	12	1	4.90	2.31	6.22	5.35	2.99	2.79	2.89	2.78	2.53	0.57	0.21	0.01	0.07	0.87	0.14	0.28
CO	50	ppm	12	1	0.37	0.32	0.81	0.25	0.65	0.63	0.29	0.24	3.01	0.34	23.35	0.25	0.14	0.38	0.45	0.19
O_2		%	0	0.1	9.18	5.79	7.25	6.39	6.22	6.00	6.15	6.93	9.21	7.29	6.17	5.94	5.96	7.82	6.61	6.72
FL1		Sm³	12	10	11,959	15,092	13,391	14,032	14,555	14,820	14,591	13,594	11,296	13,244	14,632	15,245	14,768	12,693	14,197	14,039
TMP		℃	0	1	185.50	185.83	185.56	184.72	184.62	184.75	185.03	184.21	183.71	183.35	183.90	184.51	184.44	183.70	183.41	183.70
TM1		℃	0	1	1,055.08	1,071.00	1,020.54	1,065.63	1,072.81	1,087.27	1,096.63	1,071.40	1,078.29	1,044.87	1,073.25	1,086.45	1,093.05	1,031.56	1,074.27	1,072.05
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

11월 1일 굴뚝별 트랜드

					11-01 00:00	11-01 00:30	11-01 01:00	11-01 01:30	11-01 02:00	11-01 02:30	11-01 03:00	11-01 03:30	11-01 04:00	11-01 04:30	11-01 05:00	11-01 05:30	11-01 06:00	11-01 06:30	11-01 07:00	11-01 07:30
TSP	20	mg/Sm³	12	1	0.77	0.54	0.59	0.57	0.59	0.65	0.59	0.63	0.75	0.57	0.66	0.63	0.62	0.63	0.63	0.61
SOx	30	ppm	12	1	0.00	5.27	0.03	0.00	0.05	0.00	0.06	0.13	0.14	6.71	0.57	0.38	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	28.08	20.11	19.04	22.63	19.81	16.62	19.45	13.45	26.32	20.93	16.33	15.94	21.95	20.66	23.76	20.39
HCl	15	ppm	12	1	1.87	0.16	1.04	0.29	1.95	3.35	1.18	2.40	4.93	4.80	10.08	6.71	2.70	2.73	1.54	1.18
CO	50	ppm	12	1	0.27	32.97	0.42	0.32	0.32	0.37	3.68	1.46	0.67	0.32	0.56	0.67	0.22	0.30	0.32	0.33
O_2		%	0	0.1	10.20	5.72	6.73	6.27	6.50	7.81	6.71	7.72	9.71	6.00	8.21	7.71	6.98	7.17	7.03	6.85
FL1		Sm³	12	10	10,873	15,026	14,104	14,621	14,197	12,652	14,078	12,589	11,807	14,906	12,247	12,486	13,541	13,620	13,945	14,011
TMP		℃	0	1	183.04	183.18	183.17	183.92	183.96	183.56	183.28	183.21	182.81	183.10	183.35	182.41	182.52	183.17	184.29	184.11
TM1		℃	0	1	1,065.65	1,085.59	1,065.25	1,061.91	1,058.77	1,023.23	1,050.18	1,015.89	1,036.08	1,060.61	1,013.89	1,043.17	1,071.69	1,051.40	1,046.52	1,044.38
TM3		℃	0	1	36.32	36.32	36.31	36.30	36.29	36.28	36.28	36.28	36.28	36.28	36.28	36.29	36.29	36.29	36.29	36.29

					11-01 08:00	11-01 08:30	11-01 09:00	11-01 09:30	11-01 10:00	11-01 10:30	11-01 11:00	11-01 11:30	11-01 12:00	11-01 12:30	11-01 13:00	11-01 13:30	11-01 14:00	11-01 14:30	11-01 15:00	11-01 15:30
TSP	20	mg/Sm³	12	1	0.81	0.66	0.57	0.45	0.45	0.45	0.44	0.45	0.44	0.43	0.43	0.43	7.13	0.78	0.46	0.56
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.46	22.53	0.00	0.00	0.00	0.00	7.71	0.05	0.00
NOx	70	ppm	12	1	24.88	16.42	21.27	0.00	0.00	0.00	0.00	10.36	49.96	0.20	0.00	0.00	0.55	33.91	30.61	18.18
HCl	15	ppm	12	1	6.37	1.35	0.59	0.04	0.00	0.00	0.00	5.24	9.20	0.68	0.68	0.69	1.28	24.91	13.68	6.00
CO	50	ppm	12	1	0.32	0.27	0.13	0.02	0.03	0.06	0.06	14.03	64.18	0.06	0.08	0.08	0.13	0.71	1.96	0.62
O_2		%	0	0.1	10.69	8.19	10.32	21.21	21.13	21.13	16.50	12.13	9.68	20.91	20.90	20.87	20.04	6.76	6.75	7.14
FL1		Sm³	12	10	10,162	11,951	14,558	17,920	17,188	18,031	18,007	18,270	17,986	17,378	17,641	17,855	17,804	17,286	16,510	13,059
TMP		℃	0	1	183.05	181.90	181.61	182.83	182.59	182.65	183.39	184.21	183.94	182.56	182.40	183.66	184.96	184.97	184.90	184.23
TM1		℃	0	1	1,037.02	1,024.98	1,059.76	1,061.54	1,029.64	1,043.69	1,031.71	1,043.13	1,048.35	1,055.17	1,063.89	1,026.73	1,050.07	1,059.07	1,072.71	1,036.89
TM3		℃	0	1	36.32	36.29	36.29	36.28	36.28	36.28	36.28	36.32	36.32	36.32	36.32	36.32	36.32	36.34	36.38	36.40

					11-01 16:00	11-01 16:30	11-01 17:00	11-01 17:30	11-01 18:00	11-01 18:30	11-01 19:00	11-01 19:30	11-01 20:00	11-01 20:30	11-01 21:00	11-01 21:30	11-01 22:00	11-01 22:30	11-01 23:00	11-01 23:30
TSP	20	mg/Sm³	12	1	0.54	0.54	0.56	0.57	0.57	0.59	0.51	0.53	0.74	0.54	0.55	0.57	0.55	0.56	0.61	0.57
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	2.90	0.10	0.00	0.00	4.10	0.00	0.00	0.00	0.15	0.00	0.00	0.00
NOx	70	ppm	12	1	21.02	21.14	20.17	16.43	20.42	17.42	19.59	21.58	35.41	28.02	32.12	26.60	30.47	21.25	18.62	27.70
HCl	15	ppm	12	1	3.33	3.28	4.09	4.97	6.28	10.56	3.76	3.22	7.68	2.59	3.36	4.81	3.69	3.42	3.37	2.58
CO	50	ppm	12	1	0.55	1.23	0.54	0.52	0.62	0.60	3.38	4.53	1.70	1.17	0.14	0.20	0.15	0.25	1.92	1.33
O_2		%	0	0.1	6.55	6.61	7.19	7.23	6.94	7.38	5.49	5.86	9.18	6.01	6.29	6.98	6.26	6.67	7.58	6.69
FL1		Sm³	12	10	14,270	14,102	13,291	12,947	13,480	13,290	15,232	14,908	11,413	14,851	14,516	13,699	14,435	13,970	12,917	14,125
TMP		℃	0	1	184.41	184.82	184.57	183.95	183.80	184.30	184.51	184.31	185.06	185.05	184.56	184.25	183.89	183.59	183.27	182.64
TM1		℃	0	1	1,063.81	1,057.29	1,036.28	1,036.40	1,050.00	1,030.09	1,100.58	1,102.61	1,088.35	1,102.62	1,098.23	1,076.11	1,101.20	1,072.55	1,023.66	1,055.99
TM3		℃	0	1	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40

11월 2일 굴뚝별 트랜드

					11-02 00:00	11-02 00:30	11-02 01:00	11-02 01:30	11-02 02:00	11-02 02:30	11-02 03:00	11-02 03:30	11-02 04:00	11-02 04:30	11-02 05:00	11-02 05:30	11-02 06:00	11-02 06:30	11-02 07:00	11-02 07:30
TSP	20	mg/Sm³	12	1	0.75	0.55	0.60	0.60	0.58	0.58	0.54	0.56	0.75	0.59	0.67	0.58	0.59	0.66	0.52	0.59
SOx	30	ppm	12	1	0.07	3.40	0.00	0.00	0.00	0.00	4.24	0.04	0.00	0.00	0.00	0.00	0.00	0.00	5.35	1.14
NOx	70	ppm	12	1	32.13	22.46	18.92	20.33	19.22	20.39	24.37	23.82	37.88	18.45	11.32	16.08	14.34	11.96	18.23	14.40
HCl	15	ppm	12	1	4.66	5.19	5.13	3.23	2.39	2.65	2.07	2.91	4.09	1.30	2.12	0.51	2.04	2.50	1.22	3.37
CO	50	ppm	12	1	0.65	0.28	0.46	0.40	0.41	0.33	26.43	0.49	2.66	0.44	0.79	0.54	0.45	0.91	31.50	0.40
O_2		%	0	0.1	9.47	5.85	7.00	6.98	6.47	6.37	5.23	5.97	9.09	6.91	8.59	6.93	7.16	8.59	5.23	6.67
FL1		Sm³	12	10	11,428	14,671	13,687	13,822	14,461	14,314	15,858	14,981	12,052	13,691	11,773	13,689	13,217	11,852	15,878	14,133
TMP		℃	0	1	182.75	183.04	183.60	183.65	183.78	184.03	184.66	184.97	184.70	183.86	182.29	181.03	181.74	182.50	182.57	184.41
TM1		℃	0	1	1,044.07	1,087.58	1,037.93	1,044.99	1,052.15	1,055.88	1,103.45	1,091.59	1,074.73	1,043.99	973.84	1,013.02	1,027.50	969.00	1,088.61	1,047.74
TM3		℃	0	1	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40

					11-02 08:00	11-02 08:30	11-02 09:00	11-02 09:30	11-02 10:00	11-02 10:30	11-02 11:00	11-02 11:30	11-02 12:00	11-02 12:30	11-02 13:00	11-02 13:30	11-02 14:00	11-02 14:30	11-02 15:00	11-02 15:30
TSP	20	mg/Sm³	12	1	0.75	0.61	0.69	0.61	0.64	0.62	0.53	0.56	0.72	0.60	0.59	0.53	0.57	0.55	0.57	0.52
SOx	30	ppm	12	1	0.80	0.00	0.00	4.06	1.97	0.11	4.87	1.05	0.00	0.00	0.00	0.00	0.04	0.44	6.50	0.03
NOx	70	ppm	12	1	30.31	17.68	19.16	31.08	21.40	22.10	26.18	19.34	32.99	22.07	20.88	25.31	20.65	23.19	21.16	22.09
HCl	15	ppm	12	1	4.00	1.82	4.15	6.07	13.83	5.79	7.14	12.12	6.79	1.71	1.25	0.89	1.19	4.40	11.42	4.36
CO	50	ppm	12	1	33.10	0.32	0.47	0.21	17.57	8.33	0.27	0.34	0.61	0.44	0.45	0.22	0.61	0.43	0.54	8.82
O_2		%	0	0.1	8.38	7.07	8.75	7.23	7.94	7.92	6.25	6.96	8.70	7.39	7.55	6.38	7.41	7.14	7.35	6.40
FL1		Sm³	12	10	11,890	13,708	12,688	14,633	13,478	12,854	14,418	13,641	12,119	13,831	13,629	14,122	13,579	13,558	13,121	14,083
TMP		℃	0	1	185.47	185.42	185.54	186.91	187.11	184.76	183.37	183.93	185.12	185.25	185.36	183.74	184.07	184.54	184.60	184.20
TM1		℃	0	1	1,105.02	1,047.87	1,004.05	1,061.10	1,033.15	1,024.17	1,078.89	1,058.59	1,091.39	1,028.09	1,034.07	1,082.51	1,031.65	1,041.44	1,035.89	1,071.81
TM3		℃	0	1	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.37	36.36

					11-02 16:00	11-02 16:30	11-02 17:00	11-02 17:30	11-02 18:00	11-02 18:30	11-02 19:00	11-02 19:30	11-02 20:00	11-02 20:30	11-02 21:00	11-02 21:30	11-02 22:00	11-02 22:30	11-02 23:00	11-02 23:30
TSP	20	mg/Sm³	12	1	0.72	0.55	0.60	0.53	0.61	0.60	0.58	0.54	0.70	0.46	0.43	0.51	0.54	0.60	0.58	0.63
SOx	30	ppm	12	1	0.00	2.44	0.00	0.00	0.00	0.00	0.92	0.30	0.00	0.00	0.00	0.00	0.00	0.02	0.23	0.00
NOx	70	ppm	12	1	27.73	23.61	21.64	23.73	19.24	25.13	20.07	22.64	27.09	35.48	27.89	22.36	26.15	26.22	22.51	22.51
HCl	15	ppm	12	1	9.97	8.91	4.51	2.60	4.27	1.85	4.32	3.75	4.21	1.68	2.15	2.69	2.18	5.22	5.83	6.09
CO	50	ppm	12	1	0.72	0.71	1.12	0.44	0.75	0.53	0.71	0.42	0.68	0.51	11.14	0.70	0.66	1.33	1.03	0.71
O_2		%	0	0.1	10.77	6.82	7.84	5.83	7.89	7.80	7.41	6.44	9.84	6.74	6.82	7.04	7.05	8.61	7.62	8.16
FL1		Sm³	12	10	10,261	14,016	13,034	15,313	12,840	13,086	13,439	14,510	11,571	14,219	14,478	14,209	14,215	12,212	13,847	13,024
TMP		℃	0	1	184.16	184.97	185.37	185.40	185.71	184.83	184.19	184.43	183.18	161.74	146.34	163.00	172.29	168.15	174.81	181.34
TM1		℃	0	1	1,017.90	1,055.08	989.45	1,069.97	1,009.09	1,017.40	1,020.53	1,057.33	1,019.79	1,047.53	1,035.57	1,021.45	1,022.79	967.34	1,004.17	994.55
TM3		℃	0	1	36.37	36.36	36.37	36.37	36.37	36.38	36.38	36.37	36.37	36.38	36.38	36.39	36.38	36.39	36.39	36.39