12월 24일 굴뚝별 트랜드

					12-24 00:00	12-24 00:30	12-24 01:00	12-24 01:30	12-24 02:00	12-24 02:30	12-24 03:00	12-24 03:30	12-24 04:00	12-24 04:30	12-24 05:00	12-24 05:30	12-24 06:00	12-24 06:30	12-24 07:00	12-24 07:30
TSP	20	mg/Sm³	12	1	0.82	0.66	0.63	0.61	0.65	0.65	0.64	0.66	0.78	0.64	0.67	0.66	0.68	0.67	0.68	0.62
SOx	30	ppm	12	1	0.00	0.01	0.39	0.00	0.00	0.00	0.21	0.00	0.00	0.13	0.00	0.14	0.00	0.01	0.30	1.89
NOx	70	ppm	12	1	26.69	19.71	19.18	22.91	18.35	20.65	22.30	19.48	27.33	23.69	23.14	26.41	21.71	24.67	20.43	25.08
HCl	15	ppm	12	1	3.29	1.55	0.99	1.05	1.16	1.59	1.32	1.33	3.32	0.69	0.79	1.14	1.03	1.68	3.20	5.88
CO	50	ppm	12	1	0.64	0.77	0.89	0.31	0.63	0.63	1.01	0.55	0.60	0.35	0.55	0.49	0.62	0.59	0.85	0.34
O_2		%	0	0.1	10.85	7.96	7.30	7.34	7.98	7.93	7.55	7.82	9.92	7.48	8.08	7.84	8.21	7.81	8.14	7.02
FL1		Sm³	12	10	10,455	12,924	13,708	13,592	12,988	13,100	13,670	13,248	11,794	13,775	13,066	13,438	12,999	13,344	12,950	14,202
TMP		℃	0	1	185.35	185.10	184.42	183.95	184.62	185.01	185.50	185.45	185.12	185.40	185.66	185.59	185.39	185.45	185.04	184.41
TM1		℃	0	1	1,064.61	1,052.13	1,068.41	1,076.16	1,058.17	1,051.67	1,068.02	1,055.83	1,063.52	1,092.37	1,065.53	1,076.19	1,043.26	1,061.25	1,040.27	1,086.55
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					12-24 08:00	12-24 08:30	12-24 09:00	12-24 09:30	12-24 10:00	12-24 10:30	12-24 11:00	12-24 11:30	12-24 12:00	12-24 12:30	12-24 13:00	12-24 13:30	12-24 14:00	12-24 14:30	12-24 15:00	12-24 15:30
TSP	20	mg/Sm³	12	1	0.85	0.61	0.75	0.59	0.62	0.57	0.65	0.59	0.77	0.61	0.57	0.67	0.61	0.58	0.58	0.57
SOx	30	ppm	12	1	0.00	3.35	0.00	2.32	0.00	0.00	0.00	4.36	0.00	0.00	0.00	0.00	0.69	2.63	0.00	0.00
NOx	70	ppm	12	1	20.97	23.40	16.43	23.58	13.94	21.31	12.24	18.12	28.60	21.17	23.33	17.00	19.92	23.49	26.89	20.47
HCl	15	ppm	12	1	15.09	1.70	3.83	1.51	2.91	1.42	1.97	1.41	4.26	0.05	0.00	0.93	0.62	1.42	0.53	0.20
CO	50	ppm	12	1	1.51	0.45	1.28	0.47	0.74	0.33	0.58	18.13	0.52	0.30	0.57	0.62	11.14	0.66	0.16	0.34
O_2		%	0	0.1	11.50	6.17	8.99	6.30	7.14	5.96	7.72	6.14	8.71	6.65	5.72	7.56	6.45	6.19	6.19	5.96
FL1		Sm³	12	10	10,610	15,243	12,055	14,950	13,461	14,770	13,039	14,956	11,803	14,055	15,086	12,857	15,587	15,482	15,471	14,810
TMP		℃	0	1	184.89	184.86	185.17	184.20	183.99	183.86	183.78	184.13	185.03	184.75	184.71	184.69	184.28	186.15	187.06	185.58
TM1		℃	0	1	1,005.75	1,114.36	1,012.49	1,099.39	1,054.14	1,115.61	1,058.95	1,111.07	1,135.23	1,098.57	1,134.42	1,089.67	1,078.09	1,147.65	1,148.43	1,131.92
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					12-24 16:00	12-24 16:30	12-24 17:00	12-24 17:30	12-24 18:00	12-24 18:30	12-24 19:00	12-24 19:30	12-24 20:00	12-24 20:30	12-24 21:00	12-24 21:30	12-24 22:00	12-24 22:30	12-24 23:00	12-24 23:30
TSP	20	mg/Sm³	12	1	0.75	0.52	0.55	0.57	0.67	0.60	0.65	0.68	0.80	0.65	0.69	0.66	0.65	1.46	1.04	0.52
SOx	30	ppm	12	1	0.00	0.91	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.21	0.00	0.00	0.00	9.20
NOx	70	ppm	12	1	13.12	13.03	7.44	16.53	14.69	19.23	12.03	9.82	17.78	13.80	15.94	14.13	11.69	15.71	14.34	12.37
HCl	15	ppm	12	1	4.68	0.00	0.08	0.00	1.12	0.46	1.16	0.19	1.45	0.03	0.03	3.11	4.28	11.96	1.93	1.74
CO	50	ppm	12	1	8.84	29.51	10.10	0.25	0.62	8.18	0.54	0.71	0.67	0.55	0.80	0.73	0.58	103.59	1.79	47.71
O_2		%	0	0.1	10.23	4.79	5.55	6.02	8.06	6.74	7.82	8.09	9.64	7.32	7.92	7.35	7.31	14.10	13.53	6.86
FL1		Sm³	12	10	11,763	16,525	15,356	14,721	12,510	14,091	12,801	12,584	11,409	13,343	13,330	13,404	13,446	5,712	4,671	11,925
TMP		℃	0	1	184.27	184.03	185.49	185.36	184.26	183.87	184.14	183.86	183.14	183.17	183.33	183.75	184.29	181.62	165.29	152.46
TM1		℃	0	1	1,049.99	1,144.89	1,111.33	1,128.33	1,063.86	1,107.35	1,066.63	1,043.43	1,084.17	1,073.53	1,054.71	1,071.91	1,073.09	847.63	940.25	1,021.78
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

12월 25일 굴뚝별 트랜드

					12-25 00:00	12-25 00:30	12-25 01:00	12-25 01:30	12-25 02:00	12-25 02:30	12-25 03:00	12-25 03:30	12-25 04:00	12-25 04:30	12-25 05:00	12-25 05:30	12-25 06:00	12-25 06:30	12-25 07:00	12-25 07:30
TSP	20	mg/Sm³	12	1	0.77	0.67	0.77	0.69	0.66	0.73	0.69	0.71	0.82	0.70	0.66	0.66	0.64	0.67	0.71	0.69
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	2.30	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.12
NOx	70	ppm	12	1	8.00	1.86	0.57	0.07	2.44	1.83	5.42	5.45	12.05	7.74	10.00	7.47	7.42	12.42	9.81	10.14
HCl	15	ppm	12	1	2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.03	1.20	1.01
CO	50	ppm	12	1	3.56	2.20	1.70	1.32	0.50	0.67	0.32	0.35	0.20	0.35	0.36	0.60	0.47	0.31	0.66	0.83
O_2		%	0	0.1	11.77	8.58	9.53	8.27	7.72	8.93	8.27	8.67	10.17	8.43	7.62	7.55	7.15	7.61	8.40	7.97
FL1		Sm³	12	10	8,423	10,352	9,526	10,533	12,652	11,125	12,128	11,815	10,733	12,062	13,275	13,549	13,848	13,248	12,585	13,546
TMP		℃	0	1	163.51	175.11	182.10	183.29	183.14	183.24	182.44	182.12	183.54	183.75	184.02	184.88	185.06	185.00	184.87	185.56
TM1		℃	0	1	912.04	967.75	915.78	973.73	1,060.85	1,030.50	1,079.35	1,066.06	1,106.74	1,058.82	1,057.88	1,047.43	1,058.71	1,066.85	1,022.27	1,028.09
TM3		℃	0	1	36.36	36.37	36.37	36.38	36.38	36.38	36.38	36.38	36.38	36.37	36.37	36.37	36.37	36.36	36.36	36.37

					12-25 08:00	12-25 08:30	12-25 09:00	12-25 09:30	12-25 10:00	12-25 10:30	12-25 11:00	12-25 11:30	12-25 12:00	12-25 12:30	12-25 13:00	12-25 13:30	12-25 14:00	12-25 14:30	12-25 15:00	12-25 15:30
TSP	20	mg/Sm³	12	1	0.83	0.67	0.71	0.66	0.67	0.70	0.70	0.67	0.84	0.63	0.66	0.57	0.63	0.61	0.59	0.65
SOx	30	ppm	12	1	1.14	0.26	0.00	0.00	0.00	0.00	0.00	0.59	0.00	6.27	0.94	0.16	1.59	3.10	0.01	0.08
NOx	70	ppm	12	1	21.98	12.97	11.31	13.74	12.20	13.69	13.51	19.61	22.23	22.27	19.63	17.79	18.68	19.78	12.62	20.59
HCl	15	ppm	12	1	4.89	1.23	0.76	0.32	0.78	2.55	4.14	3.60	11.90	4.55	8.36	7.10	8.39	11.24	7.45	6.46
CO	50	ppm	12	1	0.50	0.48	0.75	0.48	0.74	0.72	0.71	0.53	0.92	1.19	0.69	11.72	0.58	0.51	14.51	0.91
O_2		%	0	0.1	9.97	7.74	8.33	7.47	7.51	8.29	8.20	7.69	10.52	6.76	7.51	5.86	7.20	6.64	6.18	7.58
FL1		Sm³	12	10	11,531	13,422	12,759	13,791	13,805	12,734	12,832	14,030	11,942	15,185	14,251	14,939	14,093	13,936	13,988	14,107
TMP		℃	0	1	186.52	186.31	186.37	186.00	186.19	185.98	185.68	185.85	186.81	187.32	187.15	186.14	186.01	185.54	184.51	184.31
TM1		℃	0	1	1,054.37	1,036.89	1,007.39	1,045.01	1,017.65	1,017.06	1,019.02	1,037.25	1,012.99	1,046.39	1,027.06	1,078.81	1,054.99	1,077.33	1,062.37	1,033.31
TM3		℃	0	1	36.38	36.37	36.37	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					12-25 16:00	12-25 16:30	12-25 17:00	12-25 17:30	12-25 18:00	12-25 18:30	12-25 19:00	12-25 19:30	12-25 20:00	12-25 20:30	12-25 21:00	12-25 21:30	12-25 22:00	12-25 22:30	12-25 23:00	12-25 23:30
TSP	20	mg/Sm³	12	1	0.80	0.63	0.62	0.58	0.59	0.64	0.61	0.58	0.82	0.60	0.62	0.65	0.70	0.66	0.62	0.68
SOx	30	ppm	12	1	0.60	8.87	9.46	0.00	0.16	0.06	0.00	1.56	0.94	0.09	0.55	5.62	5.07	1.02	4.02	0.01
NOx	70	ppm	12	1	26.99	19.09	15.22	15.89	16.82	12.89	13.48	18.80	21.78	18.01	16.03	17.57	16.39	17.65	21.60	13.18
HCl	15	ppm	12	1	15.46	3.23	7.70	3.76	3.23	5.84	3.36	4.81	12.81	1.27	1.82	3.64	10.45	10.42	6.90	11.30
CO	50	ppm	12	1	0.70	21.31	17.74	0.84	1.66	2.67	7.62	3.27	0.51	0.43	0.48	5.32	1.11	0.67	0.41	0.93
O_2		%	0	0.1	10.77	6.76	6.81	6.33	6.12	7.36	6.80	5.86	10.64	6.70	6.94	7.42	8.23	7.85	6.92	8.15
FL1		Sm³	12	10	11,437	15,004	13,996	14,375	14,850	13,401	14,103	14,838	10,471	13,995	13,632	14,118	12,997	13,252	14,444	13,200
TMP		℃	0	1	186.06	187.49	187.66	185.90	185.62	185.99	185.35	185.43	185.12	183.62	184.11	184.65	184.98	184.99	185.08	185.44
TM1		℃	0	1	1,021.73	1,055.80	1,082.87	1,091.69	1,091.97	1,050.90	1,051.93	1,115.27	1,046.61	1,081.22	1,078.83	1,057.27	1,036.72	1,057.97	1,072.21	1,019.61
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

12월 26일 굴뚝별 트랜드

					12-26 00:00	12-26 00:30	12-26 01:00	12-26 01:30	12-26 02:00	12-26 02:30	12-26 03:00	12-26 03:30	12-26 04:00	12-26 04:30	12-26 05:00	12-26 05:30	12-26 06:00	12-26 06:30	12-26 07:00	12-26 07:30
TSP	20	mg/Sm³	12	1	0.81	0.62	0.63	0.64	0.62	0.58	0.57	0.61	0.76	0.65	0.65	0.65	0.67	0.66	0.66	0.64
SOx	30	ppm	12	1	1.74	0.00	0.00	0.00	0.09	0.22	0.00	0.00	0.11	0.19	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	28.60	25.99	22.85	22.46	18.93	22.41	22.35	21.06	24.57	19.02	23.41	23.66	24.28	22.95	22.85	21.51
HCl	15	ppm	12	1	11.17	2.15	0.77	1.25	1.35	1.03	0.81	1.34	5.42	0.14	0.16	0.00	0.89	0.19	1.06	0.63
CO	50	ppm	12	1	0.54	0.32	0.37	0.44	2.40	1.13	0.22	0.29	10.64	10.41	0.37	0.42	0.61	0.59	0.44	0.56
O_2		%	0	0.1	9.66	6.84	6.97	7.18	6.89	5.78	5.77	6.62	8.76	7.22	7.48	7.26	7.89	7.72	7.60	7.24
FL1		Sm³	12	10	11,679	14,864	14,478	14,402	14,769	16,082	16,252	15,123	13,456	14,291	14,172	14,347	13,627	13,800	13,550	13,871
TMP		℃	0	1	186.13	186.17	186.26	186.09	185.83	186.30	186.95	187.13	186.46	186.49	186.01	185.84	185.56	185.43	185.04	184.72
TM1		℃	0	1	1,074.75	1,073.01	1,060.48	1,053.57	1,049.86	1,093.80	1,091.43	1,066.19	1,076.25	1,051.17	1,049.75	1,046.42	1,033.41	1,019.21	1,044.84	1,042.33
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					12-26 08:00	12-26 08:30	12-26 09:00	12-26 09:30	12-26 10:00	12-26 10:30	12-26 11:00	12-26 11:30	12-26 12:00	12-26 12:30	12-26 13:00	12-26 13:30	12-26 14:00	12-26 14:30	12-26 15:00	12-26 15:30
TSP	20	mg/Sm³	12	1	0.79	0.63	0.66	0.66	0.64	0.62	0.62	0.59	0.83	0.63	0.60	0.62	0.63	0.63	0.64	0.60
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	1.04	1.66	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38
NOx	70	ppm	12	1	29.05	22.09	23.66	24.02	23.65	24.74	23.79	24.24	16.66	19.86	19.93	22.08	21.84	18.24	18.57	20.85
HCl	15	ppm	12	1	2.55	0.03	0.06	0.00	0.00	1.03	3.40	2.80	7.20	0.57	1.00	1.52	0.32	0.41	3.36	3.56
CO	50	ppm	12	1	0.49	0.29	0.31	0.34	0.38	0.36	0.35	0.31	0.83	0.57	0.39	0.27	0.44	0.65	0.76	0.40
O_2		%	0	0.1	9.79	7.26	7.80	7.56	7.49	7.18	7.16	6.55	11.03	7.47	7.12	7.39	7.70	7.71	7.98	7.15
FL1		Sm³	12	10	11,962	13,890	13,372	13,733	13,656	13,922	13,853	14,959	10,752	13,791	14,052	13,337	13,394	13,347	12,799	13,617
TMP		℃	0	1	184.85	185.16	184.79	184.86	184.57	184.31	184.72	185.30	185.64	184.81	184.56	184.67	184.52	184.63	183.99	183.29
TM1		℃	0	1	1,059.52	1,059.56	1,045.37	1,046.25	1,040.75	1,059.86	1,068.80	1,068.51	997.82	1,027.87	1,043.75	1,063.33	1,034.67	1,017.37	1,005.36	1,063.23
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					12-26 16:00	12-26 16:30	12-26 17:00	12-26 17:30	12-26 18:00	12-26 18:30	12-26 19:00	12-26 19:30	12-26 20:00	12-26 20:30	12-26 21:00	12-26 21:30	12-26 22:00	12-26 22:30	12-26 23:00	12-26 23:30
TSP	20	mg/Sm³	12	1	0.77	0.64	0.66	0.63	0.64	0.66	0.64	0.68	0.76	0.67	0.66	0.66	0.67	0.67	0.64	0.69
SOx	30	ppm	12	1	4.34	1.21	0.00	2.51	0.00	0.00	0.00	0.00	2.50	1.43	3.74	0.69	0.09	0.71	0.00	0.00
NOx	70	ppm	12	1	34.47	21.81	17.85	23.38	22.17	22.11	26.31	17.22	25.64	20.89	21.42	20.82	20.30	23.09	21.81	18.78
HCl	15	ppm	12	1	8.34	6.33	2.83	4.07	3.53	4.14	2.95	4.98	6.36	3.47	8.99	7.54	7.97	5.43	2.62	1.95
CO	50	ppm	12	1	0.26	0.29	0.43	0.47	0.48	0.55	0.36	0.53	0.49	0.67	0.48	0.47	0.66	0.60	0.49	0.70
O_2		%	0	0.1	10.31	7.99	8.50	7.83	7.65	8.28	7.90	8.56	9.82	8.12	8.02	7.95	8.12	7.97	7.57	8.52
FL1		Sm³	12	10	10,735	12,414	12,001	13,154	13,557	12,692	13,061	12,249	12,029	13,417	12,932	13,090	13,130	13,254	13,703	12,609
TMP		℃	0	1	183.12	183.55	182.87	182.83	184.32	184.23	183.89	184.06	184.61	185.47	185.29	184.12	184.41	185.10	184.10	182.52
TM1		℃	0	1	1,072.85	1,067.30	1,047.69	1,069.05	1,051.32	1,041.03	1,059.75	1,031.53	1,063.17	1,035.71	1,060.75	1,054.54	1,026.38	1,044.97	1,056.03	1,029.87
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36