12월 23일 굴뚝별 트랜드

					12-23 00:00	12-23 00:30	12-23 01:00	12-23 01:30	12-23 02:00	12-23 02:30	12-23 03:00	12-23 03:30	12-23 04:00	12-23 04:30	12-23 05:00	12-23 05:30	12-23 06:00	12-23 06:30	12-23 07:00	12-23 07:30
TSP	20	mg/Sm³	12	1	0.45	0.40	0.36	0.34	0.40	0.39	0.38	0.36	0.48	0.35	0.37	0.41	0.38	0.33	0.35	0.39
SOx	30	ppm	12	1	0.76	0.00	0.39	4.79	1.75	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.08	10.83	2.74	0.00
NOx	70	ppm	12	1	32.88	20.33	24.80	28.33	24.30	24.22	22.09	26.50	21.74	24.99	23.57	18.55	19.83	16.88	23.17	21.55
HCl	15	ppm	12	1	4.60	1.91	0.24	3.91	7.54	0.78	0.29	0.11	0.00	0.00	0.32	1.68	0.02	1.35	3.96	4.29
CO	50	ppm	12	1	0.65	0.82	0.57	0.26	0.75	0.72	0.77	0.39	1.01	0.61	0.49	0.96	0.79	0.44	0.20	0.39
O_2		%	0	0.1	8.83	8.40	6.88	6.20	8.01	7.78	7.61	6.76	10.48	6.62	7.28	8.30	7.41	5.45	6.31	7.91
FL1		Sm³	12	10	13,045	13,207	14,955	15,843	13,400	13,851	14,183	14,967	11,699	15,580	14,581	13,347	14,613	17,183	15,504	13,567
TMP		℃	0	1	184.53	183.94	182.67	182.68	182.89	182.07	182.42	182.36	182.13	182.68	183.35	183.23	182.03	182.54	183.44	182.38
TM1		℃	0	1	1,069.04	1,006.45	1,065.60	1,095.97	1,035.45	1,033.82	1,025.97	1,065.67	1,005.91	1,059.47	1,042.39	992.04	1,005.27	1,069.93	1,076.79	1,045.31
TM3		℃	0	1	36.40	36.40	36.40	36.40	36.39	36.39	36.38	36.37	36.37	36.37	36.36	36.36	36.36	36.36	36.36	36.36

					12-23 08:00	12-23 08:30	12-23 09:00	12-23 09:30	12-23 10:00	12-23 10:30	12-23 11:00	12-23 11:30	12-23 12:00	12-23 12:30	12-23 13:00	12-23 13:30	12-23 14:00	12-23 14:30	12-23 15:00	12-23 15:30
TSP	20	mg/Sm³	12	1	0.48	0.39	0.38	0.40	0.37	0.39	0.38	0.40	0.45	0.37	0.38	0.37	0.37	0.37	0.39	0.37
SOx	30	ppm	12	1	0.00	1.56	0.00	0.00	0.21	0.00	0.66	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	27.73	25.76	30.14	24.19	30.98	26.97	26.32	22.26	26.42	24.96	24.54	22.33	25.10	23.97	20.54	19.97
HCl	15	ppm	12	1	1.05	0.15	0.13	1.16	0.32	1.56	5.92	2.05	2.80	4.68	1.92	0.31	0.06	0.24	0.10	0.00
CO	50	ppm	12	1	0.43	0.40	0.26	0.32	0.28	0.36	0.29	0.71	0.70	0.22	0.35	0.25	0.22	0.24	0.53	0.29
O_2		%	0	0.1	10.13	7.77	7.35	8.21	7.45	8.53	8.18	8.56	10.72	8.00	8.46	8.10	8.38	8.35	9.08	8.20
FL1		Sm³	12	10	11,328	13,842	14,627	13,116	13,872	12,871	13,236	13,025	11,442	13,392	12,914	13,259	13,007	12,954	12,264	13,073
TMP		℃	0	1	181.89	182.02	183.02	183.02	181.75	181.98	182.33	182.17	182.26	182.45	182.54	182.44	182.49	182.86	182.54	181.65
TM1		℃	0	1	1,061.50	1,062.97	1,075.85	1,060.82	1,111.65	1,057.28	1,055.68	1,020.69	1,029.83	1,062.32	1,040.38	1,067.03	1,064.93	1,058.30	1,008.15	1,048.99
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.38	36.39	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40

					12-23 16:00	12-23 16:30	12-23 17:00	12-23 17:30	12-23 18:00	12-23 18:30	12-23 19:00	12-23 19:30	12-23 20:00	12-23 20:30	12-23 21:00	12-23 21:30	12-23 22:00	12-23 22:30	12-23 23:00	12-23 23:30
TSP	20	mg/Sm³	12	1	0.45	0.35	0.37	0.39	0.36	0.35	0.37	0.40	0.46	0.40	0.39	0.35	0.42	0.37	0.39	0.37
SOx	30	ppm	12	1	0.00	0.34	0.00	0.00	0.00	4.54	0.84	5.24	3.66	0.00	0.00	8.38	0.30	0.86	0.00	0.15
NOx	70	ppm	12	1	25.82	29.36	25.71	24.35	27.95	28.60	26.62	22.05	38.88	23.54	21.85	24.77	20.43	25.35	24.08	25.54
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.59	0.24	3.59	2.65	0.58	1.54	5.94	6.91	1.79	1.72	1.16
CO	50	ppm	12	1	0.35	0.13	0.19	0.42	0.17	0.10	0.21	0.28	0.31	0.38	0.41	0.19	0.71	0.43	0.39	0.24
O_2		%	0	0.1	10.74	7.21	8.18	8.79	7.64	7.19	7.96	8.42	9.70	8.71	8.36	7.18	9.20	7.52	8.40	7.46
FL1		Sm³	12	10	11,248	14,208	13,203	12,444	13,788	13,995	13,427	12,794	11,266	12,518	12,667	13,981	12,002	13,942	12,915	13,904
TMP		℃	0	1	181.90	182.55	183.24	182.79	182.96	183.50	183.01	182.50	183.14	183.17	182.50	181.46	182.15	182.63	182.01	182.15
TM1		℃	0	1	1,033.65	1,105.72	1,068.58	1,038.79	1,094.25	1,120.77	1,093.60	1,063.64	1,109.11	1,037.67	1,040.60	1,102.75	1,022.31	1,073.53	1,037.05	1,087.98
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

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/S m³	12	1	0.51	0.39	0.38	0.38	0.39	0.39	0.39	0.40	0.45	0.42	0.38	0.43	0.42	0.36	0.35	0.38
SOx	30	ppm	12	1	0.00	0.00	0.54	0.44	0.00	0.00	0.00	0.05	0.00	0.00	2.54	0.44	0.00	2.90	0.20	0.00
NOx	70	ppm	12	1	22.12	22.66	25.12	22.72	24.43	21.33	20.76	17.97	31.02	18.56	22.75	21.12	21.27	17.24	19.87	18.50
HCl	15	ppm	12	1	2.70	1.01	2.32	3.43	0.75	0.16	1.13	1.82	2.98	1.69	6.93	9.93	2.36	6.80	2.86	1.22
CO	50	ppm	12	1	0.63	0.27	0.23	0.14	0.27	0.40	0.50	0.55	0.40	0.86	0.28	1.65	0.86	0.41	0.14	0.30
O_2		%	0	0.1	11.77	8.26	8.12	7.88	8.16	8.25	8.37	8.49	10.40	9.32	7.87	9.58	9.30	7.08	7.30	8.22
FL1		Sm³	12	10	10,071	12,762	13,014	13,250	13,238	13,056	12,948	12,548	11,389	12,451	14,413	12,245	12,758	14,467	13,867	12,668
TMP		℃	0	1	182.30	181.03	179.98	181.45	183.09	183.31	182.68	182.18	181.86	182.83	184.72	184.48	182.97	182.26	182.31	181.79
TM1		℃	0	1	1,010.57	1,049.75	1,067.93	1,082.87	1,058.52	1,042.53	1,025.95	1,027.25	1,051.31	975.99	1,052.24	987.15	971.53	1,052.01	1,060.25	1,035.17
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

					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/S m³	12	1	0.46	0.36	0.34	0.34	0.34	0.34	0.36	0.35	0.46	0.37	0.39	0.36	0.34	0.34	0.33	0.34
SOx	30	ppm	12	1	3.94	0.00	0.65	0.13	0.22	0.03	0.00	0.42	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.06
NOx	70	ppm	12	1	23.46	25.39	23.78	21.14	24.85	27.26	24.53	25.39	31.51	24.31	19.18	19.72	24.20	22.53	29.75	29.05
HCl	15	ppm	12	1	2.42	0.22	0.23	2.33	2.51	1.13	0.65	0.86	1.16	0.00	0.00	0.07	0.06	0.46	0.08	0.13
CO	50	ppm	12	1	0.32	0.34	0.35	0.29	0.27	0.27	0.36	0.55	0.49	0.43	0.66	0.60	0.33	0.33	0.16	0.25
O_2		%	0	0.1	10.04	7.43	6.87	6.98	6.82	7.09	7.70	7.32	10.52	7.85	8.55	8.03	7.32	7.45	7.06	7.31
FL1		Sm³	12	10	11,090	14,008	14,906	14,619	14,684	14,384	13,701	14,112	10,888	13,566	12,770	13,423	14,163	13,867	14,380	14,111
TMP		℃	0	1	181.54	182.51	183.40	183.27	183.18	182.90	182.63	182.65	182.82	182.27	182.18	182.44	182.04	182.22	182.52	182.50
TM1		℃	0	1	1,084.03	1,067.73	1,074.69	1,070.48	1,078.27	1,078.71	1,052.89	1,072.72	1,033.92	1,033.73	1,007.90	1,010.50	1,050.97	1,058.77	1,097.67	1,083.94
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

					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/S m³	12	1	0.44	0.40	0.33	0.34	0.34	0.32	0.32	0.34	0.47	0.43	0.36	0.39	0.38	0.37	0.39	0.43
SOx	30	ppm	12	1	0.00	0.00	0.01	0.00	0.20	12.17	9.47	1.18	1.11	0.00	1.99	0.44	0.00	9.21	2.30	0.00
NOx	70	ppm	12	1	33.24	16.81	23.28	19.15	16.79	25.98	21.20	30.52	25.92	21.49	24.17	20.67	22.14	24.60	23.01	20.30
HCl	15	ppm	12	1	0.54	0.00	0.00	0.01	1.74	2.78	8.75	1.47	2.14	0.00	0.56	6.80	1.77	2.19	8.31	1.74
CO	50	ppm	12	1	0.23	0.74	0.40	0.59	0.45	0.37	0.37	0.23	0.59	1.16	0.50	0.61	0.55	21.89	0.89	1.34
O_2		%	0	0.1	10.31	9.17	7.05	7.21	6.88	5.76	5.77	6.64	11.09	9.76	7.17	8.25	7.84	7.21	8.29	9.54
FL1		Sm³	12	10	11,029	11,879	14,523	14,436	14,667	16,407	16,093	15,673	10,813	11,839	15,167	13,667	14,078	15,081	13,652	12,115
TMP		℃	0	1	182.49	181.83	180.14	182.42	183.66	183.92	183.96	184.59	183.28	182.25	181.83	183.99	184.20	183.58	183.26	182.90
TM1		℃	0	1	1,075.10	975.69	1,061.55	1,025.71	1,031.19	1,086.20	1,090.51	1,094.87	1,027.81	945.32	1,042.54	1,002.73	1,025.47	1,036.28	1,027.66	961.66
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	36.39	36.40	36.39	36.39

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	0.46	0.38	0.41	0.38	0.39	0.37	0.39	0.38	0.46	0.36	0.38	0.35	0.39	0.37	0.35	0.39
SOx	30	ppm	12	1	0.11	0.36	0.93	0.00	0.00	0.00	0.39	0.30	0.00	0.02	0.06	0.00	0.02	1.27	0.17	0.00
NOx	70	ppm	12	1	32.13	21.81	23.23	25.31	21.85	22.76	25.57	22.18	28.29	25.56	23.80	26.74	26.93	27.87	29.08	18.87
HCl	15	ppm	12	1	0.00	0.00	0.91	0.02	0.00	0.00	0.10	1.42	0.26	0.00	0.24	0.00	0.06	1.19	0.42	0.90
CO	50	ppm	12	1	0.69	0.46	0.38	0.38	0.72	0.51	0.55	0.53	0.59	0.38	0.40	0.28	0.64	0.45	0.44	0.99
O_2		%	0	0.1	10.20	7.86	8.37	8.18	8.57	7.89	8.13	8.12	10.23	7.17	7.95	7.36	8.11	7.40	7.04	8.14
FL1		Sm³	12	10	11,720	13,928	13,271	13,601	13,260	13,903	13,792	13,687	12,014	14,481	13,250	14,473	13,828	14,645	14,774	13,398
TMP		℃	0	1	181.25	182.66	185.72	183.69	182.38	181.71	182.04	182.49	182.61	182.46	181.95	181.85	182.53	183.39	183.10	181.96
TM1		℃	0	1	1,039.75	1,053.93	1,050.99	1,044.31	1,001.11	1,039.15	1,043.29	1,032.54	1,031.09	1,067.88	1,042.71	1,082.54	1,042.43	1,071.65	1,077.57	1,006.24
TM3		℃	0	1	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.40	36.39	36.39	36.40	36.39	36.40

					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	0.45	0.33	0.35	0.38	0.33	0.37	0.36	0.34	0.45	0.36	0.34	0.35	0.36	0.34	0.37	0.37
SOx	30	ppm	12	1	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	22.91	22.96	23.51	17.69	24.15	18.79	15.86	16.32	20.73	20.90	21.77	27.96	17.93	23.62	19.83	20.64
HCl	15	ppm	12	1	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.05	0.00	0.01	0.03	1.04	0.00
CO	50	ppm	12	1	0.87	0.26	0.25	0.52	0.20	0.41	0.40	0.27	0.37	0.29	2.11	0.26	0.56	0.41	0.57	0.49
O_2		%	0	0.1	9.47	5.97	6.66	8.02	6.11	7.28	7.26	6.46	9.34	7.00	6.10	7.00	7.39	6.60	7.64	7.54
FL1		Sm³	12	10	12,265	16,135	15,137	13,539	15,665	14,453	14,572	15,396	12,476	14,519	15,407	14,628	14,175	15,228	13,746	14,048
TMP		℃	0	1	181.29	182.66	182.83	181.93	181.99	182.42	182.84	183.28	182.90	182.34	182.50	182.42	182.58	183.08	182.90	182.66
TM1		℃	0	1	1,062.82	1,100.29	1,080.15	1,021.20	1,097.10	1,038.92	1,019.41	1,051.49	1,040.17	1,067.09	1,115.55	1,097.42	1,040.29	1,068.54	1,032.09	1,025.45
TM3		℃	0	1	36.39	36.38	36.39	36.40	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.38	36.38	36.38	36.38

					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	0.45	0.36	0.34	0.33	0.33	0.34	0.35	0.36	0.48	0.37	0.33	0.32	0.33	0.36	0.35	0.39
SOx	30	ppm	12	1	0.00	0.19	2.76	5.34	2.00	0.86	0.03	0.00	0.00	0.47	1.17	4.26	2.15	0.00	0.11	0.00
NOx	70	ppm	12	1	22.99	15.86	18.20	15.93	23.88	23.16	23.34	22.04	23.80	21.49	16.04	18.22	18.30	21.63	20.47	16.46
HCl	15	ppm	12	1	0.03	0.00	0.21	3.38	3.34	4.57	3.08	0.44	0.00	0.00	0.00	0.00	2.49	2.65	0.13	0.44
CO	50	ppm	12	1	0.64	0.47	0.37	0.53	0.37	0.41	0.25	0.39	0.69	0.71	0.45	3.70	0.27	0.21	0.56	0.56
O_2		%	0	0.1	9.89	7.20	6.18	6.05	5.91	6.25	6.60	7.33	10.07	7.21	5.86	5.36	5.75	6.83	6.56	8.02
FL1		Sm³	12	10	12,077	14,316	15,642	15,811	16,270	15,629	15,114	14,497	11,600	14,670	16,554	17,227	16,262	14,901	15,468	13,803
TMP		℃	0	1	182.41	181.18	181.64	183.09	183.57	183.76	183.46	183.13	183.13	182.15	181.78	183.52	183.88	182.87	182.70	182.99
TM1		℃	0	1	1,018.56	1,023.44	1,065.48	1,062.75	1,093.16	1,089.43	1,088.25	1,058.03	1,009.27	1,024.25	1,071.83	1,086.92	1,102.99	1,085.93	1,079.94	1,000.38
TM3		℃	0	1	36.39	36.39	36.38	36.38	36.38	36.39	36.39	36.38	36.37	36.38	36.37	36.37	36.37	36.36	36.36	36.36