12월 21일 굴뚝별 트랜드

					12-21 00:00	12-21 00:30	12-21 01:00	12-21 01:30	12-21 02:00	12-21 02:30	12-21 03:00	12-21 03:30	12-21 04:00	12-21 04:30	12-21 05:00	12-21 05:30	12-21 06:00	12-21 06:30	12-21 07:00	12-21 07:30
TSP	20	mg/Sm³	12	1	0.82	0.61	0.60	0.60	0.69	0.58	0.58	0.55	0.76	0.53	0.63	0.59	0.61	0.68	0.63	0.69
SOx	30	ppm	12	1	0.00	3.35	1.63	2.42	0.00	2.97	1.15	0.00	0.05	0.56	0.00	0.00	0.50	0.00	0.00	0.27
NOx	70	ppm	12	1	22.33	22.15	24.70	26.64	14.58	23.20	17.72	17.73	21.80	13.05	9.44	12.02	15.72	9.56	18.84	14.28
HCl	15	ppm	12	1	8.21	5.34	6.03	7.13	9.77	4.58	7.47	3.35	5.47	1.24	2.73	1.75	2.27	4.88	4.04	4.74
CO	50	ppm	12	1	0.97	0.48	0.35	0.22	0.87	0.46	0.70	13.69	19.62	26.74	0.92	0.90	0.73	1.00	0.54	3.15
O_2		%	0	0.1	10.03	6.52	6.22	6.10	8.52	6.13	5.68	5.24	8.67	5.05	7.39	6.35	6.77	8.03	6.88	7.87
FL1		Sm³	12	10	11,627	15,156	15,700	15,220	12,271	15,314	15,153	15,401	11,895	15,700	13,159	14,214	14,640	13,543	14,938	13,829
TMP		℃	0	1	186.03	185.63	186.20	186.34	184.18	183.89	184.64	184.04	183.55	183.85	183.45	182.72	183.44	184.46	185.09	185.10
TM1		℃	0	1	1,026.24	1,077.78	1,086.53	1,117.21	1,018.79	1,073.33	1,072.35	1,082.79	1,068.01	1,095.46	1,003.67	1,042.23	1,036.41	993.63	1,041.51	1,008.70
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

					12-21 08:00	12-21 08:30	12-21 09:00	12-21 09:30	12-21 10:00	12-21 10:30	12-21 11:00	12-21 11:30	12-21 12:00	12-21 12:30	12-21 13:00	12-21 13:30	12-21 14:00	12-21 14:30	12-21 15:00	12-21 15:30
TSP	20	mg/Sm³	12	1	0.82	0.63	0.61	0.61	0.57	0.63	0.83	0.76	0.90	0.84	0.79	0.78	0.70	0.52	0.71	0.63
SOx	30	ppm	12	1	1.49	0.00	0.01	3.00	2.98	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.31	0.00	0.00
NOx	70	ppm	12	1	26.86	25.36	18.11	17.54	22.97	13.10	0.73	1.13	0.75	0.15	0.08	0.00	0.35	9.48	4.89	9.00
HCl	15	ppm	12	1	5.12	1.53	1.53	1.56	3.80	4.65	7.98	2.45	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.64	0.18	0.30	16.17	7.64	0.59	1.97	2.00	2.36	1.61	2.35	2.17	1.33	24.61	0.91	0.40
O_2		%	0	0.1	9.79	6.70	6.84	6.72	5.75	7.21	10.53	9.90	13.15	11.14	10.37	10.26	9.05	5.07	9.22	7.87
FL1		Sm³	12	10	11,747	14,784	14,265	14,086	15,249	12,058	7,517	8,290	6,759	7,016	7,674	7,688	9,513	15,555	11,384	12,885
TMP		℃	0	1	185.50	185.53	185.02	184.14	184.57	184.68	183.35	183.63	182.96	183.77	184.67	184.80	184.53	186.03	185.42	184.87
TM1		℃	0	1	1,062.27	1,091.22	1,085.71	1,079.31	1,126.28	1,048.81	910.94	924.22	878.46	866.78	910.19	917.08	998.37	1,179.07	1,057.68	1,101.07
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

					12-21 16:00	12-21 16:30	12-21 17:00	12-21 17:30	12-21 18:00	12-21 18:30	12-21 19:00	12-21 19:30	12-21 20:00	12-21 20:30	12-21 21:00	12-21 21:30	12-21 22:00	12-21 22:30	12-21 23:00	12-21 23:30
TSP	20	mg/Sm³	12	1	0.80	0.58	0.64	0.63	0.59	0.68	0.66	0.65	0.79	0.62	0.61	0.61	0.62	0.68	0.58	0.59
SOx	30	ppm	12	1	0.03	0.00	0.39	0.00	0.00	0.00	0.00	0.69	7.00	2.39	0.00	0.04	0.00	0.00	0.00	0.98
NOx	70	ppm	12	1	15.40	16.97	8.88	10.87	11.58	9.07	10.44	14.87	22.49	14.94	15.64	16.85	17.73	12.71	20.50	15.85
HCl	15	ppm	12	1	0.81	0.00	1.25	0.13	0.06	1.43	0.08	0.00	7.73	7.01	7.62	6.87	4.47	2.71	0.37	1.88
CO	50	ppm	12	1	0.50	0.10	7.36	1.58	9.19	0.93	0.82	1.06	0.77	1.17	0.60	2.84	0.53	0.97	0.36	0.54
O_2		%	0	0.1	10.87	6.64	8.07	7.78	6.81	8.63	8.30	7.95	10.54	7.27	7.26	7.00	7.35	8.46	6.57	6.90
FL1		Sm³	12	10	10,482	14,659	12,863	13,411	14,566	12,217	12,843	13,370	11,244	14,306	14,015	13,999	13,746	12,292	14,457	13,845
TMP		℃	0	1	185.38	186.60	186.63	185.92	186.13	185.59	185.23	184.98	185.29	185.74	184.97	184.18	184.73	185.65	183.58	182.70
TM1		℃	0	1	1,099.80	1,120.22	1,058.58	1,058.16	1,069.19	1,030.78	1,030.85	1,029.27	1,049.95	1,050.16	1,053.04	1,070.53	1,076.79	1,042.31	1,098.03	1,093.01
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 22일 굴뚝별 트랜드

					12-22 00:00	12-22 00:30	12-22 01:00	12-22 01:30	12-22 02:00	12-22 02:30	12-22 03:00	12-22 03:30	12-22 04:00	12-22 04:30	12-22 05:00	12-22 05:30	12-22 06:00	12-22 06:30	12-22 07:00	12-22 07:30
TSP	20	mg/Sm³	12	1	0.77	0.66	0.58	0.66	0.59	0.59	0.62	0.57	0.83	0.62	0.59	0.60	0.61	0.61	0.64	0.62
SOx	30	ppm	12	1	7.83	0.00	7.47	0.00	1.07	0.88	0.08	2.50	0.00	0.50	2.53	0.01	1.14	1.40	0.00	0.00
NOx	70	ppm	12	1	24.91	12.34	11.54	9.32	16.98	20.10	15.26	17.27	12.64	19.17	15.08	18.21	21.29	24.73	23.78	18.92
HCl	15	ppm	12	1	9.03	5.33	5.55	3.87	3.02	4.78	3.62	2.07	11.36	1.95	3.13	3.64	4.39	7.55	7.74	5.15
CO	50	ppm	12	1	21.45	1.23	31.41	1.28	1.92	0.37	1.72	14.02	1.48	0.88	19.22	0.61	0.58	0.52	0.55	0.52
O_2		%	0	0.1	9.51	7.93	6.06	8.07	6.58	6.31	6.83	5.78	11.37	6.94	6.38	6.52	6.77	6.69	7.38	6.95
FL1		Sm³	12	10	11,305	13,093	14,254	12,472	15,033	15,134	14,668	15,724	10,664	14,622	15,285	15,050	14,737	14,801	14,177	14,540
TMP		℃	0	1	184.23	184.57	184.32	183.64	183.19	185.69	186.55	186.43	186.36	185.50	186.39	187.15	186.97	186.98	186.77	186.57
TM1		℃	0	1	1,116.03	1,044.59	1,106.27	1,029.49	1,088.51	1,107.25	1,080.57	1,114.01	1,003.91	1,061.19	1,066.53	1,075.81	1,077.51	1,088.71	1,067.86	1,077.16
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

					12-22 08:00	12-22 08:30	12-22 09:00	12-22 09:30	12-22 10:00	12-22 10:30	12-22 11:00	12-22 11:30	12-22 12:00	12-22 12:30	12-22 13:00	12-22 13:30	12-22 14:00	12-22 14:30	12-22 15:00	12-22 15:30
TSP	20	mg/Sm³	12	1	0.86	0.64	0.62	0.66	0.65	0.62	0.60	0.64	0.79	0.62	0.56	0.60	0.61	0.63	0.57	0.55
SOx	30	ppm	12	1	0.00	0.12	0.00	0.70	1.39	0.04	0.56	0.00	0.00	0.85	0.00	0.07	0.00	0.16	0.13	4.65
NOx	70	ppm	12	1	25.33	20.98	22.82	22.56	23.15	23.70	21.98	18.66	15.86	17.75	19.81	20.79	18.68	16.45	19.28	22.80
HCl	15	ppm	12	1	11.01	0.87	2.08	7.83	6.75	3.23	4.64	6.12	10.12	3.60	2.32	4.79	4.76	3.48	3.05	3.06
CO	50	ppm	12	1	1.01	0.74	0.58	0.69	0.78	0.57	8.57	0.51	1.09	0.74	0.52	0.48	0.58	6.64	4.78	19.31
O_2		%	0	0.1	10.65	7.50	7.14	8.01	7.74	7.07	6.79	7.77	10.89	7.34	6.42	7.28	7.49	7.88	6.81	5.94
FL1		Sm³	12	10	10,522	13,810	14,111	12,938	13,673	14,482	14,389	13,162	10,776	13,671	14,643	13,557	13,473	13,124	14,292	15,421
TMP		℃	0	1	186.43	185.77	185.97	185.54	185.31	185.65	185.78	185.91	185.67	185.26	185.37	185.29	185.89	185.80	185.46	186.35
TM1		℃	0	1	1,057.26	1,065.85	1,070.98	1,074.90	1,048.20	1,074.53	1,082.10	1,059.91	1,015.15	1,058.82	1,086.08	1,078.75	1,065.10	1,042.08	1,071.94	1,104.38
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

					12-22 16:00	12-22 16:30	12-22 17:00	12-22 17:30	12-22 18:00	12-22 18:30	12-22 19:00	12-22 19:30	12-22 20:00	12-22 20:30	12-22 21:00	12-22 21:30	12-22 22:00	12-22 22:30	12-22 23:00	12-22 23:30
TSP	20	mg/Sm³	12	1	0.80	0.60	0.59	0.66	0.59	0.57	0.57	0.69	0.75	0.60	0.62	0.60	0.57	0.61	0.61	0.55
SOx	30	ppm	12	1	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	6.72	0.00	0.00	0.00
NOx	70	ppm	12	1	26.57	18.67	23.99	18.51	18.79	20.54	21.61	16.21	28.86	22.86	15.85	19.93	21.90	15.37	20.51	20.83
HCl	15	ppm	12	1	7.39	1.58	1.49	2.54	1.30	1.97	1.60	6.30	4.76	3.68	4.01	5.46	16.94	10.48	2.63	1.32
CO	50	ppm	12	1	0.95	0.35	0.29	0.93	0.49	0.45	0.40	1.17	0.92	0.85	1.08	0.80	0.77	0.77	0.69	0.51
O_2		%	0	0.1	11.15	7.32	7.46	8.57	6.98	6.57	6.42	8.67	9.64	7.25	7.56	7.40	6.79	7.68	7.44	6.35
FL1		Sm³	12	10	10,240	13,164	13,338	12,187	14,229	14,736	14,913	12,243	11,857	14,189	13,664	13,632	13,924	12,033	12,929	14,305
TMP		℃	0	1	186.38	184.86	183.82	184.01	184.30	185.10	186.00	185.70	184.23	184.67	185.81	184.44	184.11	183.13	183.02	183.13
TM1		℃	0	1	1,039.34	1,087.63	1,106.86	1,048.26	1,072.74	1,086.78	1,079.96	1,018.12	1,052.67	1,039.51	1,013.17	1,048.49	1,076.45	1,049.51	1,059.79	1,084.60
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 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	0.74	0.59	0.58	0.57	0.57	0.55	0.55	0.62	0.73	0.62	0.61	0.71	0.63	0.59	0.63	0.62
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.15	0.14	0.78	0.18	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	24.05	19.66	16.70	17.78	17.65	16.58	12.48	9.02	14.12	13.45	18.75	12.07	14.30	14.95	18.31	16.47
HCl	15	ppm	12	1	3.37	1.32	2.99	1.14	1.22	0.98	1.48	2.68	5.36	2.35	5.57	16.42	5.69	1.97	1.43	1.81
CO	50	ppm	12	1	0.69	0.67	0.61	0.48	0.40	0.42	3.07	0.88	6.73	6.82	0.63	1.59	0.86	0.43	0.41	0.31
O_2		%	0	0.1	9.64	7.01	6.68	6.39	6.67	6.13	6.04	7.35	8.68	7.56	7.53	9.30	7.82	6.95	7.89	7.89
FL1		Sm³	12	10	11,262	14,103	14,321	14,738	14,240	14,849	15,027	13,414	11,863	13,192	13,823	11,825	13,675	14,341	13,343	12,987
TMP		℃	0	1	183.93	184.84	184.96	184.99	184.91	185.11	185.35	185.38	184.22	183.86	183.42	183.58	180.92	181.49	184.00	184.20
TM1		℃	0	1	1,072.46	1,064.01	1,072.88	1,085.17	1,076.05	1,088.83	1,073.95	1,035.41	1,082.76	1,036.62	1,048.46	988.19	1,032.35	1,068.12	1,050.03	1,067.69
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

					12-23 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	0.77	0.65	0.65	0.60	0.61	0.60	0.59	0.56	0.72	0.53	0.57	0.58	0.55	0.56	0.52	0.58
SOx	30	ppm	12	1	0.56	1.60	2.19	4.68	0.00	1.51	4.90	0.00	0.02	1.20	0.58	0.11	0.00	0.01	1.38	1.70
NOx	70	ppm	12	1	19.29	16.56	16.10	16.19	12.51	14.82	11.66	10.57	12.56	8.32	9.18	9.02	7.55	7.98	7.33	7.55
HCl	15	ppm	12	1	2.38	2.74	3.76	5.55	3.35	3.83	3.34	1.10	4.66	2.42	1.58	0.48	0.57	0.88	0.53	1.24
CO	50	ppm	12	1	0.50	0.86	0.75	2.74	0.42	9.55	16.95	0.51	8.32	0.70	4.96	21.36	18.78	16.18	25.03	17.99
O_2		%	0	0.1	10.29	8.11	8.17	6.85	7.45	7.25	6.80	6.27	9.14	5.52	6.30	6.57	6.21	6.31	5.37	6.44
FL1		Sm³	12	10	11,283	12,967	13,224	14,120	12,854	14,197	13,885	14,190	12,065	15,122	14,299	13,890	13,998	13,983	15,469	14,143
TMP		℃	0	1	183.93	184.43	184.27	185.47	184.89	184.77	185.71	185.11	184.50	184.96	185.85	185.36	183.68	183.36	183.51	184.54
TM1		℃	0	1	1,057.77	1,052.97	1,066.97	1,112.45	1,083.57	1,071.78	1,077.63	1,074.75	1,047.27	1,094.77	1,094.33	1,081.19	1,093.58	1,084.67	1,093.45	1,092.17
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

					12-23 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	0.82	0.59	0.61	0.60	0.57	0.57	0.60	0.63	0.79	0.66	0.60	0.62	0.59	0.60	0.62	0.60
SOx	30	ppm	12	1	0.65	0.00	0.00	0.00	0.12	0.05	0.00	0.00	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	13.21	10.60	11.62	9.27	14.05	16.24	17.66	17.16	24.42	13.36	17.17	16.07	17.91	17.75	20.46	22.44
HCl	15	ppm	12	1	3.41	0.11	1.27	1.82	2.55	2.62	1.40	1.36	4.95	2.42	0.20	0.27	0.02	0.31	0.47	0.17
CO	50	ppm	12	1	5.55	0.66	0.62	0.74	0.54	0.37	0.44	0.75	0.57	0.57	0.42	0.61	1.00	0.38	0.26	0.27
O_2		%	0	0.1	10.87	7.25	7.64	7.58	6.76	6.61	7.10	7.82	9.97	8.18	7.14	7.50	6.77	7.12	7.27	6.80
FL1		Sm³	12	10	9,706	13,256	12,775	13,058	13,908	14,267	13,750	13,170	10,875	12,409	14,119	13,329	14,093	13,698	13,511	14,106
TMP		℃	0	1	184.82	183.64	182.96	182.79	182.81	183.89	184.90	184.07	183.61	183.64	184.14	184.61	184.80	184.88	184.88	185.11
TM1		℃	0	1	1,066.07	1,056.86	1,061.63	1,050.15	1,084.11	1,104.09	1,086.47	1,051.93	1,083.74	1,056.98	1,088.48	1,078.70	1,090.13	1,086.70	1,080.79	1,082.95
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