12월 14일 굴뚝별 트랜드

					12-14 00:00	12-14 00:30	12-14 01:00	12-14 01:30	12-14 02:00	12-14 02:30	12-14 03:00	12-14 03:30	12-14 04:00	12-14 04:30	12-14 05:00	12-14 05:30	12-14 06:00	12-14 06:30	12-14 07:00	12-14 07:30
TSP	20	mg/S m³	12	1	0.49	0.41	0.41	0.42	0.40	0.43	0.46	0.40	0.49	0.39	0.40	0.37	0.43	0.39	0.39	0.41
SOx	30	ppm	12	1	0.28	1.02	0.00	0.00	0.43	0.84	0.00	1.24	3.08	0.00	0.00	0.17	0.00	0.00	0.36	0.00
NOx	70	ppm	12	1	21.63	23.47	23.97	20.64	25.48	25.83	19.58	21.21	20.89	17.65	18.34	21.75	19.81	20.71	21.03	21.86
HCl	15	ppm	12	1	5.08	4.05	3.62	5.28	6.27	10.11	6.25	6.50	10.47	3.96	2.96	4.64	4.85	3.58	5.14	7.82
CO	50	ppm	12	1	0.92	0.47	0.45	0.48	0.39	0.41	1.11	0.71	1.01	0.66	0.73	0.31	0.92	0.66	0.54	0.57
O_2		%	0	0.1	10.55	7.70	7.70	7.86	7.71	8.42	9.07	7.53	9.49	7.15	7.27	6.29	8.34	6.93	6.93	7.76
FL1		Sm³	12	10	12,628	14,449	14,350	14,013	14,159	13,263	12,777	14,878	12,789	14,945	14,693	15,721	13,673	15,160	15,237	14,026
TMP		℃	0	1	183.68	183.51	183.32	182.97	182.75	182.52	181.02	180.42	182.59	183.00	182.45	182.36	182.62	182.59	182.64	181.97
TM1		℃	0	1	1,033.29	1,057.79	1,064.69	1,067.36	1,080.54	1,069.13	988.95	1,026.67	1,036.57	1,049.73	1,030.21	1,089.91	1,003.18	1,057.24	1,051.33	1,022.00
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

					12-14 08:00	12-14 08:30	12-14 09:00	12-14 09:30	12-14 10:00	12-14 10:30	12-14 11:00	12-14 11:30	12-14 12:00	12-14 12:30	12-14 13:00	12-14 13:30	12-14 14:00	12-14 14:30	12-14 15:00	12-14 15:30
TSP	20	mg/S m³	12	1	0.51	0.41	0.41	0.29	0.29	0.29	0.28	0.29	0.29	0.28	0.28	0.28	0.34	0.27	0.28	0.35
SOx	30	ppm	12	1	0.00	0.00	0.00	2.94	0.01	13.46	33.10	16.49	0.32	0.12	0.00	0.00	0.00	0.08	0.00	0.66
NOx	70	ppm	12	1	30.28	22.48	19.65	31.27	6.66	28.49	69.68	35.13	0.62	0.84	0.85	0.80	8.61	31.80	28.33	27.35
HCl	15	ppm	12	1	4.90	3.51	3.27	6.29	2.78	0.65	21.17	20.35	0.14	0.11	0.12	0.12	2.98	7.47	6.84	8.40
CO	50	ppm	12	1	0.60	0.65	0.72	12.41	0.16	35.23	88.76	45.25	0.01	0.02	0.01	0.00	0.38	1.56	0.66	0.60
O_2		%	0	0.1	9.91	7.72	8.10	6.95	18.16	15.77	14.69	8.11	21.14	21.11	20.94	20.91	16.30	7.54	8.10	7.77
FL1		Sm³	12	10	11,975	14,130	13,784	19,523	19,476	18,870	19,393	19,629	19,247	19,177	19,429	19,628	18,870	18,745	18,368	15,625
TMP		℃	0	1	181.26	181.34	181.17	180.82	181.64	181.74	181.56	182.16	182.03	181.96	182.48	183.41	182.94	182.16	180.33	180.19
TM1		℃	0	1	1,074.87	1,043.92	1,027.29	1,048.09	1,040.41	1,062.41	1,098.25	1,044.21	1,046.89	1,111.98	1,077.51	1,081.18	1,077.65	1,058.89	1,054.25	1,058.28
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.35	36.36	36.37	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					12-14 16:00	12-14 16:30	12-14 17:00	12-14 17:30	12-14 18:00	12-14 18:30	12-14 19:00	12-14 19:30	12-14 20:00	12-14 20:30	12-14 21:00	12-14 21:30	12-14 22:00	12-14 22:30	12-14 23:00	12-14 23:30
TSP	20	mg/S m³	12	1	0.48	0.37	0.38	0.37	0.38	0.40	0.41	0.39	0.46	0.37	0.41	0.34	0.37	0.41	0.36	0.37
SOx	30	ppm	12	1	0.00	0.08	0.02	0.14	0.00	0.13	0.02	0.00	0.56	0.00	0.40	3.64	4.18	0.00	0.00	0.31
NOx	70	ppm	12	1	23.52	21.64	19.04	21.08	20.47	21.61	17.01	20.89	21.81	12.26	15.78	17.53	17.63	16.13	21.44	21.23
HCl	15	ppm	12	1	5.79	3.26	2.60	2.16	2.56	2.93	3.20	2.85	3.24	3.67	6.71	10.79	9.96	8.10	3.55	4.75
CO	50	ppm	12	1	1.20	0.61	0.72	0.58	0.41	6.61	0.98	0.68	1.10	0.61	0.96	0.33	0.38	0.56	0.28	6.41
O_2		%	0	0.1	10.81	7.26	7.80	7.24	7.63	8.00	8.46	7.79	10.32	7.19	8.42	6.04	6.79	8.38	6.81	7.08
FL1		Sm³	12	10	11,718	14,810	13,972	14,436	14,133	13,722	13,191	13,795	12,416	14,915	13,289	16,143	15,294	13,172	14,951	14,483
TMP		℃	0	1	181.39	181.45	180.66	179.79	180.32	181.12	181.29	180.87	180.31	180.61	181.07	181.03	182.88	182.60	181.58	182.36
TM1		℃	0	1	1,006.72	1,049.45	1,039.89	1,067.09	1,071.29	1,036.77	1,027.75	1,032.99	1,014.95	1,018.39	981.89	1,087.27	1,071.86	1,046.96	1,098.08	1,108.73
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 15일 굴뚝별 트랜드

					12-15 00:00	12-15 00:30	12-15 01:00	12-15 01:30	12-15 02:00	12-15 02:30	12-15 03:00	12-15 03:30	12-15 04:00	12-15 04:30	12-15 05:00	12-15 05:30	12-15 06:00	12-15 06:30	12-15 07:00	12-15 07:30
TSP	20	mg/Sm³	12	1	0.47	0.36	0.38	0.42	0.42	0.42	0.40	0.37	0.48	0.39	0.39	0.38	0.39	0.38	0.38	0.39
SOx	30	ppm	12	1	0.00	3.54	11.67	0.02	0.02	0.00	0.00	1.52	0.00	0.00	0.00	2.54	7.15	0.00	0.00	0.09
NOx	70	ppm	12	1	19.41	22.10	21.13	19.43	23.11	14.46	16.44	20.35	24.64	18.51	19.17	15.10	21.10	21.65	17.80	17.03
HCl	15	ppm	12	1	5.43	4.36	9.59	8.61	5.06	4.22	5.07	5.55	5.92	3.46	3.34	10.66	10.35	4.46	4.28	4.72
CO	50	ppm	12	1	0.58	0.41	0.46	0.73	0.69	1.04	0.60	0.40	0.70	0.55	0.58	0.32	1.65	0.31	0.41	0.64
O_2		%	0	0.1	10.44	6.70	7.00	8.66	8.62	8.57	8.10	6.80	9.74	7.95	7.91	7.21	7.30	7.44	7.45	7.58
FL1		Sm³	12	10	11,974	15,130	14,764	12,802	12,835	13,108	13,720	15,545	12,775	14,046	14,218	14,390	14,479	14,565	14,724	14,551
TMP		℃	0	1	182.21	182.43	182.49	182.01	180.77	181.14	181.80	182.73	183.03	182.45	182.95	182.99	182.85	182.66	183.03	183.32
TM1		℃	0	1	1,063.43	1,082.67	1,085.45	1,040.81	1,041.67	1,008.46	1,007.74	1,069.71	1,046.17	1,029.85	1,011.12	1,071.64	1,100.56	1,073.11	1,039.51	1,027.53
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.35	36.33	36.33	36.33	36.33	36.33	36.33	36.33	36.33	36.33

					12-15 08:00	12-15 08:30	12-15 09:00	12-15 09:30	12-15 10:00	12-15 10:30	12-15 11:00	12-15 11:30	12-15 12:00	12-15 12:30	12-15 13:00	12-15 13:30	12-15 14:00	12-15 14:30	12-15 15:00	12-15 15:30
TSP	20	mg/Sm³	12	1	0.50	0.40	0.40	0.42	0.39	0.39	0.37	0.39	0.48	0.40	0.38	0.38	0.38	0.37	0.37	0.39
SOx	30	ppm	12	1	0.00	0.42	0.14	0.00	0.01	0.00	1.90	0.34	0.00	0.00	0.71	0.00	0.00	0.40	1.26	0.00
NOx	70	ppm	12	1	30.01	19.09	21.99	27.51	22.42	20.66	23.48	19.48	20.07	21.88	19.11	21.35	14.94	20.62	21.64	20.96
HCl	15	ppm	12	1	10.21	7.50	6.33	5.55	7.55	8.88	7.13	8.67	7.79	4.39	6.12	5.55	4.02	4.96	5.79	6.55
CO	50	ppm	12	1	0.52	0.55	0.84	0.89	0.40	0.35	0.26	0.33	1.02	0.58	0.46	0.44	0.26	0.30	0.15	0.26
O_2		%	0	0.1	10.37	7.67	7.90	8.71	7.70	8.05	7.40	8.20	11.35	8.73	7.73	8.14	8.23	8.06	8.03	8.69
FL1		Sm³	12	10	11,841	14,494	14,176	13,179	14,207	13,880	14,522	13,505	11,387	12,904	14,088	13,694	13,327	13,449	13,388	12,689
TMP		℃	0	1	183.37	183.54	183.21	182.45	181.30	182.44	182.97	183.14	182.61	181.51	181.49	182.07	182.21	182.38	182.16	181.85
TM1		℃	0	1	1,051.91	1,044.34	1,036.51	1,006.48	1,053.76	1,051.17	1,072.20	1,053.58	991.27	1,014.85	1,044.36	1,032.78	1,068.49	1,081.42	1,102.22	1,064.63
TM3		℃	0	1	36.33	36.33	36.32	36.34	36.35	36.35	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36

					12-15 16:00	12-15 16:30	12-15 17:00	12-15 17:30	12-15 18:00	12-15 18:30	12-15 19:00	12-15 19:30	12-15 20:00	12-15 20:30	12-15 21:00	12-15 21:30	12-15 22:00	12-15 22:30	12-15 23:00	12-15 23:30
TSP	20	mg/Sm³	12	1	0.44	0.42	0.38	0.39	0.35	0.40	0.40	0.36	0.45	0.36	0.40	0.38	0.39	0.36	0.38	0.36
SOx	30	ppm	12	1	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.33	6.63	3.25	0.28	0.02	0.01	3.23	0.02	0.41
NOx	70	ppm	12	1	29.39	18.22	24.45	20.26	26.47	19.34	18.51	24.33	26.08	23.88	19.81	29.60	22.35	24.15	25.57	27.13
HCl	15	ppm	12	1	9.04	5.97	3.36	3.41	3.83	4.92	4.07	3.37	7.61	10.20	8.51	4.68	8.02	10.13	7.71	8.18
CO	50	ppm	12	1	0.31	0.62	0.31	0.60	0.34	0.96	1.06	0.74	0.75	0.35	0.60	0.54	0.52	0.30	0.35	0.47
O_2		%	0	0.1	10.36	9.54	8.37	8.61	7.35	8.87	8.87	7.62	10.21	7.11	8.61	7.82	8.13	7.34	7.72	7.44
FL1		Sm³	12	10	11,848	11,804	13,231	13,050	14,503	12,782	12,783	14,368	12,281	14,734	12,971	14,126	13,351	14,260	14,022	14,491
TMP		℃	0	1	182.15	181.67	181.00	181.47	182.57	183.43	182.24	180.92	181.58	183.65	183.65	182.76	182.60	183.20	183.68	183.31
TM1		℃	0	1	1,080.04	1,018.43	1,049.89	1,022.45	1,074.01	1,000.94	995.48	1,027.07	1,059.05	1,084.49	1,048.45	1,032.07	1,047.72	1,087.32	1,072.13	1,070.10
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 16일 굴뚝별 트랜드

					12-16 00:00	12-16 00:30	12-16 01:00	12-16 01:30	12-16 02:00	12-16 02:30	12-16 03:00	12-16 03:30	12-16 04:00	12-16 04:30	12-16 05:00	12-16 05:30	12-16 06:00	12-16 06:30	12-16 07:00	12-16 07:30
TSP	20	mg/Sm³	12	1	0.45	0.43	0.33	0.37	0.36	0.35	0.37	0.49	0.42	0.38	0.37	0.45	0.37	0.37	0.37	0.37
SOx	30	ppm	12	1	1.08	0.00	1.63	0.47	0.37	0.00	1.37	0.00	9.83	3.09	3.12	0.00	0.00	2.39	0.00	0.00
NOx	70	ppm	12	1	31.93	25.54	23.08	25.12	26.86	26.84	21.57	29.89	24.21	12.23	17.62	16.20	17.27	20.25	17.79	17.64
HCl	15	ppm	12	1	10.18	6.32	6.17	9.12	5.79	6.36	6.22	6.26	7.18	12.79	6.72	6.82	6.20	10.20	4.89	3.98
CO	50	ppm	12	1	0.55	1.06	0.41	0.47	0.58	0.36	0.58	2.78	1.36	0.89	0.46	1.30	0.42	0.31	0.37	0.43
O_2		%	0	0.1	9.55	9.29	6.33	7.48	7.22	7.15	7.79	10.83	8.73	8.14	7.38	9.73	8.00	7.46	7.62	7.74
FL1		Sm³	12	10	12,335	12,240	15,711	14,325	14,736	14,793	13,997	10,771	13,324	13,473	14,497	11,954	13,908	13,998	13,583	13,424
TMP		℃	0	1	183.57	182.89	182.24	183.69	183.97	184.06	183.71	181.73	179.02	181.23	182.51	182.12	181.29	182.42	182.13	181.43
TM1		℃	0	1	1,085.17	981.71	1,083.85	1,063.75	1,058.42	1,093.01	1,059.37	901.64	1,022.89	1,003.25	1,048.67	960.11	1,018.68	1,059.43	1,055.91	1,044.48
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

					12-16 08:00	12-16 08:30	12-16 09:00	12-16 09:30	12-16 10:00	12-16 10:30	12-16 11:00	12-16 11:30	12-16 12:00	12-16 12:30	12-16 13:00	12-16 13:30	12-16 14:00	12-16 14:30	12-16 15:00	12-16 15:30
TSP	20	mg/Sm³	12	1	0.47	0.37	0.37	0.39	0.38	0.38	0.39	0.38	0.49	0.36	0.39	0.38	0.37	0.38	0.39	0.39
SOx	30	ppm	12	1	0.47	5.03	0.22	0.18	0.44	1.50	0.27	0.00	0.00	0.00	0.00	0.76	1.18	0.00	0.00	0.00
NOx	70	ppm	12	1	30.84	21.09	23.08	23.15	22.78	23.47	19.57	21.56	27.09	22.02	18.38	18.12	20.11	20.28	20.33	20.75
HCl	15	ppm	12	1	6.14	9.83	6.53	5.72	8.70	15.71	9.19	5.66	6.92	4.16	5.62	6.24	6.16	5.70	4.79	4.07
CO	50	ppm	12	1	0.34	0.32	0.17	0.30	0.40	0.31	0.28	0.30	0.51	0.23	0.33	0.35	0.41	0.30	0.26	0.42
O_2		%	0	0.1	9.75	7.25	7.14	7.73	7.34	7.55	8.09	7.68	11.20	7.37	8.23	7.75	7.76	7.91	8.28	8.05
FL1		Sm³	12	10	11,148	13,908	13,969	13,561	13,954	13,522	12,835	13,350	10,421	13,588	12,692	13,252	13,448	13,278	12,807	13,124
TMP		℃	0	1	181.06	180.85	180.85	181.06	181.00	181.17	180.16	179.27	179.35	179.41	180.22	180.39	179.92	180.19	180.50	180.43
TM1		℃	0	1	1,077.03	1,084.37	1,095.44	1,062.07	1,066.43	1,070.68	1,066.20	1,062.23	1,059.72	1,081.84	1,061.89	1,063.20	1,052.39	1,076.53	1,064.27	1,048.06
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

					12-16 16:00	12-16 16:30	12-16 17:00	12-16 17:30	12-16 18:00	12-16 18:30	12-16 19:00	12-16 19:30	12-16 20:00	12-16 20:30	12-16 21:00	12-16 21:30	12-16 22:00	12-16 22:30	12-16 23:00	12-16 23:30
TSP	20	mg/Sm³	12	1	0.47	0.39	0.38	0.37	0.42	0.40	0.38	0.42	0.50	0.42	0.43	0.38	0.40	0.39	0.38	0.39
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	4.08	6.39	0.68	0.06	2.91	0.00	0.10	0.00	0.00	0.03	7.65	0.00
NOx	70	ppm	12	1	17.11	20.85	22.20	23.10	22.68	19.44	23.76	20.82	26.94	23.40	22.21	25.43	17.87	23.07	20.16	24.29
HCl	15	ppm	12	1	5.45	4.12	4.43	5.29	5.18	10.19	4.04	4.96	5.79	3.18	3.68	2.45	3.15	3.38	6.93	4.28
CO	50	ppm	12	1	0.65	0.33	0.35	0.20	0.49	0.22	0.17	0.35	0.46	0.54	0.56	0.30	0.28	0.26	0.33	0.22
O_2		%	0	0.1	10.90	8.18	7.92	7.60	8.44	8.04	7.41	8.85	10.15	8.52	8.86	7.23	8.24	7.77	7.26	7.68
FL1		Sm³	12	10	10,809	12,889	13,426	13,575	12,746	12,699	13,711	12,181	10,673	12,764	12,291	13,890	12,516	13,237	13,689	13,319
TMP		℃	0	1	180.02	180.57	181.12	181.48	181.09	179.16	179.21	179.68	180.02	179.71	179.66	179.79	179.44	179.81	179.69	179.33
TM1		℃	0	1	1,040.25	1,056.71	1,058.63	1,086.74	1,038.97	1,099.52	1,102.25	1,061.93	1,098.53	1,052.01	1,065.19	1,092.61	1,086.00	1,099.25	1,109.91	1,097.03
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.35	36.33	36.33	36.32	36.32	36.32	36.32	36.32	36.32	36.32