12월 20일 굴뚝별 트랜드

					12-20 00:00	12-20 00:30	12-20 01:00	12-20 01:30	12-20 02:00	12-20 02:30	12-20 03:00	12-20 03:30	12-20 04:00	12-20 04:30	12-20 05:00	12-20 05:30	12-20 06:00	12-20 06:30	12-20 07:00	12-20 07:30
TSP	20	mg/Sm³	12	1	0.51	0.41	0.41	0.44	0.39	0.42	0.46	0.41	0.54	0.41	0.39	0.43	0.39	0.43	0.39	0.47
SOx	30	ppm	12	1	0.00	0.63	0.00	0.00	0.33	0.00	0.00	0.07	0.00	0.06	0.51	0.03	0.72	0.42	1.65	0.00
NOx	70	ppm	12	1	33.23	28.32	23.94	24.26	27.87	27.54	22.00	22.80	27.14	22.15	25.64	20.55	23.11	23.76	33.19	25.41
HCl	15	ppm	12	1	4.66	3.41	4.86	5.40	6.13	5.73	6.15	3.65	5.08	2.46	4.19	6.02	4.80	5.53	5.74	6.42
CO	50	ppm	12	1	0.42	0.43	0.43	0.95	0.42	0.28	0.70	0.51	1.14	0.62	0.27	0.57	0.18	0.34	0.14	0.62
O_2		%	0	0.1	10.62	7.72	8.13	8.83	7.39	8.46	9.34	7.88	11.39	7.71	7.23	8.38	7.25	8.25	7.25	9.29
FL1		Sm³	12	10	11,425	14,032	13,559	12,869	14,528	13,114	12,164	13,745	10,275	13,814	14,579	13,105	14,250	13,607	14,710	12,371
TMP		℃	0	1	182.28	182.14	182.68	182.35	182.13	182.61	181.82	180.43	180.49	180.24	181.26	182.32	181.80	182.17	182.45	181.97
TM1		℃	0	1	1,052.02	1,063.99	1,051.85	984.23	1,069.39	1,053.51	1,015.04	1,033.85	1,010.33	1,004.68	1,063.71	1,017.14	1,097.06	1,064.83	1,107.57	1,030.73
TM3		℃	0	1	36.34	36.34	36.35	36.34	36.35	36.34	36.34	36.35	36.35	36.34	36.34	36.33	36.33	36.34	36.34	36.33

					12-20 08:00	12-20 08:30	12-20 09:00	12-20 09:30	12-20 10:00	12-20 10:30	12-20 11:00	12-20 11:30	12-20 12:00	12-20 12:30	12-20 13:00	12-20 13:30	12-20 14:00	12-20 14:30	12-20 15:00	12-20 15:30
TSP	20	mg/Sm³	12	1	0.52	0.44	0.45	0.45	0.48	0.39	0.42	0.43	0.50	0.40	0.38	0.46	0.39	0.47	0.35	0.44
SOx	30	ppm	12	1	0.73	0.55	0.00	0.48	0.00	0.69	0.00	1.30	0.00	0.00	1.45	0.00	0.02	0.00	0.82	0.00
NOx	70	ppm	12	1	28.19	30.59	21.69	26.70	26.23	27.31	28.48	26.89	26.42	25.27	30.08	20.77	26.47	22.58	25.44	19.77
HCl	15	ppm	12	1	7.42	5.57	6.72	5.74	11.02	6.94	6.11	5.29	4.68	3.53	5.88	6.52	3.58	3.91	3.18	5.16
CO	50	ppm	12	1	0.71	0.66	0.61	0.78	0.94	0.41	0.32	0.34	0.73	0.40	0.32	0.80	0.32	1.12	0.38	0.81
O_2		%	0	0.1	11.01	8.76	9.16	9.07	9.35	7.88	8.34	7.82	11.52	8.22	7.43	9.80	7.63	9.98	6.60	9.20
FL1		Sm³	12	10	10,972	13,279	12,488	12,630	12,191	13,798	13,264	13,762	11,411	13,545	14,566	11,650	13,946	11,535	15,312	12,278
TMP		℃	0	1	181.05	181.72	182.25	181.67	179.12	178.44	180.89	181.78	181.61	181.21	182.04	181.82	180.60	181.85	183.05	184.88
TM1		℃	0	1	1,055.37	1,024.73	1,044.38	1,008.95	1,001.62	1,088.31	1,051.29	1,079.76	1,007.07	1,055.83	1,076.97	1,002.78	1,075.31	967.75	1,080.81	1,007.05
TM3		℃	0	1	36.33	36.34	36.34	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

					12-20 16:00	12-20 16:30	12-20 17:00	12-20 17:30	12-20 18:00	12-20 18:30	12-20 19:00	12-20 19:30	12-20 20:00	12-20 20:30	12-20 21:00	12-20 21:30	12-20 22:00	12-20 22:30	12-20 23:00	12-20 23:30
TSP	20	mg/Sm³	12	1	0.47	0.39	0.35	0.48	0.38	0.37	0.39	0.39	0.47	0.40	0.39	0.42	0.40	0.35	0.37	0.46
SOx	30	ppm	12	1	0.00	0.53	5.52	0.17	0.00	0.00	0.00	0.00	0.00	0.64	2.18	0.00	0.47	1.71	0.45	0.00
NOx	70	ppm	12	1	33.11	23.00	31.45	22.77	24.70	23.63	24.45	24.19	36.32	22.99	27.32	24.08	24.88	28.17	25.57	23.99
HCl	15	ppm	12	1	4.40	4.16	5.43	7.50	3.21	7.85	6.87	4.84	5.06	6.01	10.30	8.80	7.49	6.85	9.99	9.85
CO	50	ppm	12	1	0.56	0.74	0.78	1.14	0.98	0.54	0.50	0.55	0.45	0.66	0.42	0.74	0.68	0.43	0.37	1.43
O_2		%	0	0.1	10.34	8.20	6.43	10.21	7.93	7.14	7.65	7.86	9.58	7.58	7.29	8.56	7.89	6.44	7.03	9.63
FL1		Sm³	12	10	11,415	13,415	15,534	11,131	13,805	14,655	14,049	13,845	12,420	14,041	14,178	12,808	13,763	15,403	14,569	11,733
TMP		℃	0	1	181.95	181.52	182.22	182.32	180.13	180.98	182.43	182.53	182.65	182.82	182.29	181.87	181.25	181.69	182.20	181.68
TM1		℃	0	1	1,050.04	1,037.93	1,102.89	997.91	1,007.62	1,063.39	1,052.18	1,049.22	1,071.57	1,058.34	1,068.76	1,042.79	1,049.29	1,080.13	1,091.58	969.24
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 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	0.46	0.37	0.36	0.38	0.42	0.38	0.40	0.42	0.49	0.39	0.39	0.38	0.39	0.40	0.42	0.42
SOx	30	ppm	12	1	0.00	0.00	0.00	0.26	4.57	3.21	0.00	0.00	0.00	0.30	0.01	0.00	0.00	0.00	0.00	0.19
NOx	70	ppm	12	1	31.55	20.60	20.16	26.44	22.83	25.23	20.10	23.92	31.14	25.09	27.53	27.08	25.70	27.20	24.56	22.50
HCl	15	ppm	12	1	5.42	4.60	4.08	4.39	9.59	14.53	5.30	4.37	6.26	5.93	6.31	5.33	9.50	5.21	6.05	4.65
CO	50	ppm	12	1	0.53	0.73	3.18	0.51	0.98	0.37	0.51	0.57	0.28	0.29	0.31	0.37	0.40	0.32	0.62	0.86
O_2		%	0	0.1	9.18	7.26	6.45	7.13	8.27	7.26	7.91	8.25	10.27	7.52	7.82	7.44	7.37	7.66	8.35	8.21
FL1		Sm³	12	10	12,315	14,473	15,194	14,567	13,001	13,885	13,373	13,005	11,148	13,698	13,695	14,365	14,054	13,640	12,981	13,140
TMP		℃	0	1	180.28	181.91	182.83	182.42	180.76	178.98	178.99	179.16	179.46	180.39	181.05	182.14	182.52	181.33	180.69	179.63
TM1		℃	0	1	1,084.31	1,032.58	1,072.03	1,059.23	1,020.21	1,074.77	1,051.91	1,028.58	1,072.50	1,080.49	1,075.72	1,064.87	1,073.56	1,061.07	1,054.28	988.77
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.35	36.35	36.35	36.35	36.34	36.34	36.34	36.35	36.35

					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	0.46	0.41	0.37	0.30	0.28	0.28	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.27	0.27	0.37
SOx	30	ppm	12	1	4.67	0.00	0.00	0.00	20.84	24.47	0.00	0.00	0.29	0.14	0.03	0.03	0.34	1.44	0.54	0.00
NOx	70	ppm	12	1	28.56	21.50	30.02	37.97	46.78	51.68	0.35	0.24	0.72	0.83	0.80	0.89	13.04	46.78	35.51	28.40
HCl	15	ppm	12	1	6.39	6.21	2.91	6.66	1.47	22.38	0.03	0.00	0.17	0.27	0.32	0.37	2.98	13.38	8.63	1.57
CO	50	ppm	12	1	0.60	0.46	0.32	0.32	57.40	66.84	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.78	1.03	0.91
O_2		%	0	0.1	9.42	8.41	7.01	6.69	12.41	3.54	20.93	20.91	20.91	20.85	20.69	20.69	18.42	7.60	7.91	7.87
FL1		Sm³	12	10	12,697	12,913	14,939	18,113	18,963	19,327	19,660	18,972	19,714	19,531	19,494	19,502	19,554	19,592	19,418	14,114
TMP		℃	0	1	178.82	180.17	181.16	182.30	182.00	182.37	181.97	181.23	181.61	182.87	183.79	183.77	183.98	183.81	183.85	183.58
TM1		℃	0	1	1,086.43	1,052.23	1,077.31	1,108.74	1,070.56	1,177.65	1,085.71	1,071.14	1,093.60	1,129.91	1,094.78	1,079.63	1,102.42	1,057.59	1,027.52	1,008.29
TM3		℃	0	1	36.35	36.35	36.36	36.36	36.36	36.36	36.36	36.37	36.38	36.36	36.36	36.40	36.40	36.40	36.42	36.41

					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	0.44	0.40	0.35	0.35	0.34	0.36	0.33	0.34	0.46	0.33	0.40	0.41	0.38	0.35	0.35	0.36
SOx	30	ppm	12	1	2.38	0.00	0.00	0.62	2.46	0.05	0.61	1.35	0.00	0.44	0.00	0.00	0.00	5.29	2.94	1.14
NOx	70	ppm	12	1	35.57	19.82	22.30	18.30	17.42	18.64	21.73	22.41	30.69	33.41	20.85	20.22	20.22	19.64	20.11	27.90
HCl	15	ppm	12	1	4.39	2.44	0.44	3.08	6.64	2.05	2.07	6.84	2.57	2.15	4.88	1.18	0.65	5.34	7.28	4.05
CO	50	ppm	12	1	0.85	1.40	0.86	0.87	0.82	0.93	0.67	0.48	0.41	0.20	0.95	1.18	0.83	0.58	0.58	0.24
O_2		%	0	0.1	9.14	8.78	6.97	6.86	6.66	7.24	6.09	6.50	9.65	5.93	8.40	8.22	7.38	6.18	6.09	6.44
FL1		Sm³	12	10	12,552	13,072	15,306	15,077	15,379	14,738	16,230	15,288	11,827	15,827	12,986	13,253	14,337	16,089	15,890	15,131
TMP		℃	0	1	184.13	184.05	182.80	182.70	183.51	182.90	183.26	183.70	182.82	183.08	182.93	182.10	180.64	181.68	183.40	182.60
TM1		℃	0	1	1,056.79	941.75	1,011.89	995.92	1,011.97	1,010.62	1,058.66	1,067.74	1,093.25	1,122.63	1,020.81	978.34	1,007.49	1,038.35	1,064.73	1,097.13
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	36.39	36.39

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	0.82	0.40	0.37	0.39	0.39	0.36	0.38	0.39	0.46	0.40	0.36	0.38	0.38	0.37	0.39	0.39
SOx	30	ppm	12	1	0.10	0.00	0.02	0.08	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.13
NOx	70	ppm	12	1	28.86	22.11	24.48	26.32	23.91	29.72	21.62	19.54	23.66	22.23	22.64	22.29	25.29	24.66	24.63	24.67
HCl	15	ppm	12	1	5.72	2.31	1.24	1.64	0.54	1.19	0.55	0.70	0.45	0.63	0.75	0.29	0.77	0.58	1.41	1.68
CO	50	ppm	12	1	0.37	0.48	0.59	0.34	0.55	0.36	0.68	0.79	0.77	0.63	0.49	0.64	0.71	0.57	0.60	0.58
O_2		%	0	0.1	10.30	8.05	7.00	7.30	7.72	6.60	7.45	7.58	9.50	7.85	6.62	7.12	7.55	6.88	7.87	7.63
FL1		Sm³	12	10	11,445	13,463	14,828	14,199	13,793	15,004	14,189	14,127	12,807	13,673	15,284	14,884	14,290	15,094	13,909	14,183
TMP		℃	0	1	181.65	181.67	182.33	182.51	182.18	181.94	182.74	182.57	182.09	181.87	181.98	182.39	182.67	182.90	182.89	182.82
TM1		℃	0	1	1,064.59	1,031.36	1,049.82	1,060.93	1,041.30	1,079.71	1,023.52	1,016.69	1,044.95	1,011.44	1,053.27	1,037.34	1,027.69	1,045.45	1,039.13	1,046.29
TM3		℃	0	1	36.39	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	36.37

					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	0.49	0.37	0.38	0.40	0.36	0.37	0.36	0.38	0.46	0.37	0.36	0.40	0.36	0.37	0.39	0.37
SOx	30	ppm	12	1	0.05	0.00	7.72	4.51	0.35	0.00	0.00	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	34.37	29.49	29.53	27.16	34.02	31.74	29.69	22.92	26.47	23.54	28.67	24.70	27.52	25.05	22.26	21.73
HCl	15	ppm	12	1	0.82	0.06	3.09	5.82	0.15	1.04	2.03	1.51	0.64	0.02	3.43	6.35	0.00	0.00	0.36	0.00
CO	50	ppm	12	1	0.78	0.40	0.41	0.42	0.19	0.26	0.31	0.46	0.81	0.62	0.41	1.08	0.33	0.47	0.79	0.58
O_2		%	0	0.1	10.29	7.05	7.16	8.07	7.01	7.55	7.52	7.97	10.36	7.94	7.32	8.77	7.23	7.73	8.33	7.92
FL1		Sm³	12	10	11,339	14,888	14,642	13,666	14,948	14,407	14,605	14,082	12,016	14,075	14,851	13,212	14,803	14,101	13,389	13,962
TMP		℃	0	1	182.89	183.10	182.92	182.29	181.19	182.05	183.10	183.72	183.66	183.56	183.68	183.51	182.49	182.37	183.07	182.85
TM1		℃	0	1	1,048.57	1,079.56	1,078.65	1,053.43	1,108.27	1,073.93	1,053.77	1,028.15	1,013.56	1,025.62	1,061.43	991.55	1,066.98	1,037.06	1,003.17	1,008.79
TM3		℃	0	1	36.36	36.36	36.37	36.39	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40

					12-22 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	0.44	0.33	0.35	0.35	0.39	0.36	0.34	0.38	0.46	0.39	0.37	0.33	0.35	0.40	0.36	0.34
SOx	30	ppm	12	1	0.00	4.07	0.11	0.14	0.00	0.00	1.12	0.00	0.05	0.00	0.03	0.81	0.80	0.00	0.00	1.40
NOx	70	ppm	12	1	24.37	27.79	27.00	26.36	24.64	28.88	21.47	22.03	29.16	21.16	22.89	21.65	27.61	20.35	20.89	20.56
HCl	15	ppm	12	1	0.76	3.06	2.26	1.04	1.02	0.05	3.02	1.90	0.44	0.00	0.00	1.27	3.26	3.30	0.26	4.04
CO	50	ppm	12	1	0.63	0.22	4.30	0.39	0.56	0.52	0.36	0.52	0.65	0.67	0.71	0.46	0.36	0.84	0.55	0.46
O_2		%	0	0.1	9.80	6.28	7.10	7.03	8.29	7.17	6.50	7.86	9.83	8.11	7.64	6.04	6.56	8.35	7.02	6.20
FL1		Sm³	12	10	12,292	15,932	14,942	14,966	13,392	15,201	15,556	13,710	11,905	13,455	14,303	16,235	15,343	13,053	14,747	16,007
TMP		℃	0	1	183.54	184.79	184.47	184.06	184.02	183.74	184.59	184.27	183.51	182.81	182.79	183.15	183.97	183.09	181.65	182.99
TM1		℃	0	1	1,046.81	1,087.70	1,068.82	1,069.97	1,010.72	1,042.43	1,048.65	1,033.20	1,044.35	1,004.86	1,001.09	1,060.49	1,071.89	1,004.35	1,038.51	1,059.83
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