1월 10일 굴뚝별 트랜드

					01-10 00:00	01-10 00:30	01-10 01:00	01-10 01:30	01-10 02:00	01-10 02:30	01-10 03:00	01-10 03:30	01-10 04:00	01-10 04:30	01-10 05:00	01-10 05:30	01-10 06:00	01-10 06:30	01-10 07:00	01-10 07:30
TSP	20	mg/Sm³	12	1	1.45	1.15	1.20	1.31	1.11	1.17	1.33	1.19	1.50	1.18	1.08	1.12	1.27	1.08	1.35	1.19
SOx	30	ppm	12	1	0.01	0.16	0.00	0.00	0.00	0.05	0.00	0.90	3.97	0.00	0.04	0.06	0.00	1.20	0.05	0.04
NOx	70	ppm	12	1	25.01	19.91	25.05	19.36	28.65	23.36	25.01	28.18	33.71	22.01	27.58	24.76	20.94	31.21	16.21	23.70
HCl	15	ppm	12	1	0.44	0.53	0.18	0.10	0.00	1.05	1.60	1.41	3.79	0.00	0.00	0.31	0.56	0.17	1.54	0.01
CO	50	ppm	12	1	3.71	0.39	0.33	0.78	0.27	0.45	0.58	0.36	1.15	0.42	0.38	0.35	0.58	0.44	0.64	0.35
O_2		%	0	0.1	8.15	6.63	7.33	8.42	6.00	6.78	8.51	6.97	8.34	7.03	5.59	5.97	7.95	5.19	8.36	6.63
FL1		Sm³	12	10	12,418	14,404	13,665	12,548	15,327	15,131	13,560	15,580	11,929	14,181	15,701	15,173	13,070	16,594	13,194	15,381
TMP		℃	0	1	179.36	179.55	180.35	179.58	177.83	180.70	183.16	184.15	183.84	182.52	180.86	181.11	180.88	179.11	180.11	181.09
TM1		℃	0	1	1,104.25	1,076.71	1,078.45	1,015.46	1,109.75	1,098.56	1,021.18	1,079.23	1,132.17	1,074.00	1,112.41	1,132.61	1,044.65	1,118.92	1,034.82	1,087.61
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					01-10 08:00	01-10 08:30	01-10 09:00	01-10 09:30	01-10 10:00	01-10 10:30	01-10 11:00	01-10 11:30	01-10 12:00	01-10 12:30	01-10 13:00	01-10 13:30	01-10 14:00	01-10 14:30	01-10 15:00	01-10 15:30
TSP	20	mg/Sm³	12	1	1.63	1.19	1.29	1.22	1.32	1.39	1.32	1.36	1.54	1.30	1.24	1.22	1.21	1.26	1.33	1.11
SOx	30	ppm	12	1	0.00	0.60	0.64	0.00	0.02	0.04	0.20	0.44	0.36	0.00	0.00	0.01	0.00	0.25	0.00	2.78
NOx	70	ppm	12	1	27.43	28.62	24.36	29.48	26.54	27.30	24.92	22.23	32.50	23.64	22.64	20.94	25.55	25.08	18.66	26.33
HCl	15	ppm	12	1	1.28	0.39	9.01	2.84	1.41	0.63	0.23	1.13	0.94	0.00	0.00	0.00	0.00	0.00	0.46	1.48
CO	50	ppm	12	1	0.66	0.48	0.44	0.38	0.33	0.66	0.49	0.51	0.66	0.48	0.50	0.34	0.47	0.62	1.01	0.36
O_2		%	0	0.1	11.14	7.19	8.33	7.71	7.44	8.28	7.87	8.44	10.96	8.64	7.85	7.71	7.70	8.06	8.97	6.49
FL1		Sm³	12	10	11,073	14,679	13,392	14,075	14,024	13,356	13,966	13,084	11,337	12,951	13,781	13,643	13,834	13,498	12,601	15,478
TMP		℃	0	1	181.16	180.64	181.13	181.11	180.23	179.53	178.93	179.31	179.32	179.29	180.10	180.29	180.03	180.22	179.83	180.25
TM1		℃	0	1	1,026.77	1,084.03	1,065.41	1,081.45	1,110.69	1,058.35	1,049.04	1,061.23	1,076.55	1,061.96	1,074.03	1,084.99	1,095.75	1,036.01	1,023.58	1,091.11
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.46	36.46	36.45	36.44	36.45	36.45	36.45	36.46	36.46	36.46

					01-10 16:00	01-10 16:30	01-10 17:00	01-10 17:30	01-10 18:00	01-10 18:30	01-10 19:00	01-10 19:30	01-10 20:00	01-10 20:30	01-10 21:00	01-10 21:30	01-10 22:00	01-10 22:30	01-10 23:00	01-10 23:30
TSP	20	mg/Sm³	12	1	1.54	1.23	1.26	1.09	1.24	1.10	1.21	1.19	1.45	1.13	1.06	1.24	1.13	1.07	1.10	1.13
SOx	30	ppm	12	1	1.71	0.16	0.14	2.05	0.04	4.15	0.29	0.02	1.02	0.21	3.11	0.07	1.46	0.02	0.00	0.00
NOx	70	ppm	12	1	33.16	24.08	23.89	29.92	24.56	31.83	18.57	21.19	28.48	25.77	34.34	24.20	27.87	36.90	33.72	33.37
HCl	15	ppm	12	1	4.61	0.45	0.02	0.67	1.62	1.63	7.50	2.21	2.35	1.54	1.60	3.83	7.00	1.17	0.98	0.34
CO	50	ppm	12	1	0.44	0.64	0.91	0.28	0.69	0.31	0.66	0.75	0.64	0.50	0.36	0.70	0.49	0.32	0.28	0.37
O_2		%	0	0.1	9.97	7.88	8.39	6.15	8.01	6.24	7.79	7.42	9.34	6.73	5.77	7.88	6.75	6.01	6.66	6.72
FL1		Sm³	12	10	11,304	13,892	13,597	16,227	14,027	15,982	14,143	14,790	13,002	15,629	16,629	14,315	15,791	16,334	15,581	15,623
TMP		℃	0	1	181.82	181.80	181.74	182.83	183.29	182.64	182.76	182.42	182.97	183.81	183.98	183.70	183.56	182.93	182.04	181.59
TM1		℃	0	1	1,093.55	1,055.41	1,013.75	1,110.55	1,034.63	1,105.73	1,060.44	1,016.27	1,061.05	1,075.09	1,126.63	1,038.13	1,078.94	1,116.11	1,116.65	1,095.79
TM3		℃	0	1	36.45	36.46	36.46	36.46	36.45	36.45	36.46	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

1월 11일 굴뚝별 트랜드

					01-11 00:00	01-11 00:30	01-11 01:00	01-11 01:30	01-11 02:00	01-11 02:30	01-11 03:00	01-11 03:30	01-11 04:00	01-11 04:30	01-11 05:00	01-11 05:30	01-11 06:00	01-11 06:30	01-11 07:00	01-11 07:30
TSP	20	mg/Sm³	12	1	1.37	1.11	1.03	1.13	1.09	1.00	1.09	1.14	1.41	1.29	1.10	1.23	1.12	1.15	1.27	1.21
SOx	30	ppm	12	1	0.14	0.22	0.03	0.02	0.01	0.07	0.00	0.00	0.55	0.00	1.28	0.01	1.41	3.71	5.55	10.92
NOx	70	ppm	12	1	59.57	37.33	42.28	29.75	30.21	38.35	30.92	28.45	51.56	19.70	36.12	28.82	32.12	29.55	25.23	30.71
HCl	15	ppm	12	1	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.16	1.35	1.44	3.06	6.50	16.06
CO	50	ppm	12	1	0.32	0.33	0.64	0.35	0.39	0.26	0.32	0.44	0.33	0.76	0.33	0.52	0.48	0.53	0.77	0.59
O_2		%	0	0.1	7.74	6.44	5.73	6.77	6.37	5.12	6.28	6.88	8.31	8.53	6.38	7.93	6.71	6.95	8.14	7.39
FL1		Sm³	12	10	14,257	15,932	17,073	15,575	16,178	17,936	16,395	15,542	13,530	13,539	16,224	14,495	15,875	15,571	14,142	14,492
TMP		℃	0	1	182.34	182.72	182.51	182.34	181.40	182.16	182.65	182.19	182.76	183.15	183.60	183.65	184.02	184.07	184.24	184.26
TM1		℃	0	1	1,151.43	1,136.88	1,128.11	1,105.75	1,103.75	1,150.91	1,119.63	1,092.06	1,151.43	1,036.73	1,098.83	1,057.81	1,100.99	1,069.69	1,054.71	1,080.61
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					01-11 08:00	01-11 08:30	01-11 09:00	01-11 09:30	01-11 10:00	01-11 10:30	01-11 11:00	01-11 11:30	01-11 12:00	01-11 12:30	01-11 13:00	01-11 13:30	01-11 14:00	01-11 14:30	01-11 15:00	01-11 15:30
TSP	20	mg/Sm³	12	1	1.50	1.21	1.34	1.00	0.90	0.91	0.90	4.10	0.40	0.40	0.39	0.39	0.39	0.39	0.39	0.39
SOx	30	ppm	12	1	0.15	2.56	0.03	3.46	0.94	41.21	0.00	0.00	0.42	0.90	0.95	0.71	0.52	1.85	7.34	2.62
NOx	70	ppm	12	1	27.98	34.62	25.70	33.40	42.61	87.52	0.27	0.51	0.84	1.04	1.12	1.07	1.04	10.57	62.62	55.93
HCl	15	ppm	12	1	14.53	2.05	2.45	5.41	0.53	6.17	28.79	0.02	0.03	0.00	0.00	0.01	0.04	1.33	25.47	9.66
CO	50	ppm	12	1	1.30	0.49	0.91	0.48	0.26	111.18	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.85	0.67
O_2		%	0	0.1	9.90	7.16	8.33	7.53	6.31	6.11	3.78	21.13	21.13	21.13	21.02	20.90	20.90	19.08	7.65	7.56
FL1		Sm³	12	10	12,188	14,824	13,384	17,233	19,681	20,153	19,178	19,653	19,475	20,086	19,365	18,910	19,203	19,393	19,690	19,379
TMP		℃	0	1	182.37	181.80	181.89	181.42	182.20	183.15	182.73	182.41	181.92	182.04	182.37	182.05	181.56	182.34	182.34	181.95
TM1		℃	0	1	1,062.77	1,087.06	1,063.72	1,114.49	1,111.68	1,074.50	1,053.39	1,040.01	1,007.96	982.86	1,066.55	1,047.19	1,101.11	1,023.18	1,068.29	1,064.10
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.46	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					01-11 16:00	01-11 16:30	01-11 17:00	01-11 17:30	01-11 18:00	01-11 18:30	01-11 19:00	01-11 19:30	01-11 20:00	01-11 20:30	01-11 21:00	01-11 21:30	01-11 22:00	01-11 22:30	01-11 23:00	01-11 23:30
TSP	20	mg/Sm³	12	1	0.39	0.46	0.55	0.54	0.53	0.55	0.56	0.51	0.68	0.58	0.56	0.55	0.54	0.55	0.55	0.50
SOx	30	ppm	12	1	0.45	0.28	0.35	0.00	0.00	0.00	0.00	0.16	0.04	0.00	0.00	0.02	0.19	0.00	0.00	1.60
NOx	70	ppm	12	1	50.58	32.90	30.44	29.93	27.82	29.52	21.65	27.36	29.66	23.70	21.85	25.88	23.73	26.96	25.02	37.23
HCl	15	ppm	12	1	2.64	1.50	1.49	0.76	1.21	0.44	1.06	0.05	2.06	0.38	1.22	1.31	1.14	0.68	0.27	0.12
CO	50	ppm	12	1	0.84	0.71	0.79	0.51	0.48	0.56	0.72	0.42	0.52	0.63	0.52	0.37	0.45	0.55	0.57	0.23
O_2		%	0	0.1	9.57	7.55	7.76	7.84	7.71	7.83	8.08	6.87	10.51	8.23	8.01	7.74	7.84	7.96	7.78	6.55
FL1		Sm³	12	10	19,492	16,683	13,879	14,083	14,166	14,111	13,741	15,436	11,780	13,741	13,630	13,865	13,942	13,996	14,326	15,886
TMP		℃	0	1	181.27	181.55	181.31	181.66	182.44	182.76	182.58	182.17	182.61	182.38	181.38	180.71	181.51	181.92	182.54	182.84
TM1		℃	0	1	1,063.91	1,042.23	1,052.92	1,070.09	1,069.96	1,042.71	1,026.35	1,046.22	1,052.67	1,024.97	1,039.35	1,070.97	1,069.37	1,046.13	1,047.18	1,091.72
TM3		℃	0	1	36.59	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60

1월 12일 굴뚝별 트랜드

					01-12 00:00	01-12 00:30	01-12 01:00	01-12 01:30	01-12 02:00	01-12 02:30	01-12 03:00	01-12 03:30	01-12 04:00	01-12 04:30	01-12 05:00	01-12 05:30	01-12 06:00	01-12 06:30	01-12 07:00	01-12 07:30
TSP	20	mg/Sm³	12	1	0.68	0.58	0.65	0.60	0.57	0.54	0.57	0.57	0.67	0.56	0.54	0.57	0.55	0.60	0.59	0.62
SOx	30	ppm	12	1	1.16	0.00	0.67	0.01	0.07	0.94	0.00	1.88	0.00	0.00	1.74	0.00	0.74	0.00	0.04	0.00
NOx	70	ppm	12	1	41.87	25.16	23.74	24.93	28.33	31.38	25.46	29.41	35.92	25.74	27.41	25.02	31.91	21.66	26.89	24.22
HCl	15	ppm	12	1	1.88	0.70	1.07	1.38	1.35	6.06	1.98	4.45	2.88	0.02	1.01	0.22	0.00	0.03	0.01	3.32
CO	50	ppm	12	1	0.37	0.68	26.64	1.26	0.66	0.41	0.58	0.46	0.75	0.52	0.38	0.63	0.35	0.64	0.71	1.01
O_2		%	0	0.1	10.57	8.31	9.35	8.70	8.00	7.49	8.16	7.92	10.01	7.43	7.05	7.97	7.17	8.35	7.97	8.71
FL1		Sm³	12	10	11,715	13,665	13,142	13,429	14,530	14,904	14,119	14,324	12,954	15,252	15,464	14,448	15,316	13,938	14,293	13,519
TMP		℃	0	1	182.60	182.36	182.46	181.47	182.00	183.10	182.78	182.56	183.00	183.65	183.82	183.76	183.78	183.93	183.85	183.05
TM1		℃	0	1	1,086.24	1,053.63	977.41	1,009.10	1,047.41	1,054.91	1,060.29	1,070.81	1,043.08	1,070.39	1,082.50	1,045.21	1,072.51	1,039.59	1,052.20	1,012.63
TM3		℃	0	1	36.61	36.61	36.61	36.62	36.60	36.61	36.61	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60

					01-12 08:00	01-12 08:30	01-12 09:00	01-12 09:30	01-12 10:00	01-12 10:30	01-12 11:00	01-12 11:30	01-12 12:00	01-12 12:30	01-12 13:00	01-12 13:30	01-12 14:00	01-12 14:30	01-12 15:00	01-12 15:30
TSP	20	mg/Sm³	12	1	0.69	0.54	0.56	0.53	0.54	0.62	0.58	0.60	0.67	0.57	0.55	0.57	0.53	0.53	0.57	0.48
SOx	30	ppm	12	1	0.13	0.96	0.42	1.35	0.00	0.02	0.09	3.05	5.39	0.00	2.28	11.28	0.31	0.13	0.00	0.86
NOx	70	ppm	12	1	36.49	31.88	27.43	33.07	33.50	20.72	25.30	29.71	46.06	27.11	32.37	26.22	28.16	27.78	25.30	31.22
HCl	15	ppm	12	1	1.41	1.15	1.02	0.40	0.20	1.24	0.02	0.90	0.51	0.22	1.11	14.14	2.46	2.22	1.17	0.11
CO	50	ppm	12	1	0.81	0.47	0.50	0.31	0.26	0.65	0.54	0.89	0.32	0.41	0.64	30.97	1.55	0.50	0.98	0.43
O_2		%	0	0.1	9.70	6.91	7.59	6.83	7.26	8.93	8.10	8.23	9.65	8.10	7.55	7.94	7.42	7.47	8.39	6.10
FL1		Sm³	12	10	12,455	15,721	15,003	15,782	15,277	12,869	14,243	13,827	12,512	13,912	14,709	13,130	14,098	14,246	13,580	16,539
TMP		℃	0	1	182.35	183.23	184.24	184.87	185.17	184.38	183.04	182.17	182.31	183.32	183.81	182.68	180.03	180.33	182.15	183.41
TM1		℃	0	1	1,049.67	1,055.25	1,065.47	1,101.07	1,076.47	1,055.26	1,017.85	1,008.82	1,112.91	1,079.31	1,059.43	1,074.22	1,080.53	1,093.90	1,019.64	1,076.18
TM3		℃	0	1	36.60	36.60	36.61	36.60	36.60	36.60	36.60	36.60	36.61	36.61	36.61	36.61	36.61	36.60	36.60	36.61

					01-12 16:00	01-12 16:30	01-12 17:00	01-12 17:30	01-12 18:00	01-12 18:30	01-12 19:00	01-12 19:30	01-12 20:00	01-12 20:30	01-12 21:00	01-12 21:30	01-12 22:00	01-12 22:30	01-12 23:00	01-12 23:30
TSP	20	mg/Sm³	12	1	0.70	0.53	0.49	0.49	0.52	0.56	0.51	0.54	0.67	0.50	0.52	0.55	0.52	0.53	0.53	0.57
SOx	30	ppm	12	1	1.29	0.00	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.10	0.00	1.35	0.33	0.19	0.00	0.00
NOx	70	ppm	12	1	33.35	26.67	25.66	25.80	23.46	23.53	21.81	24.05	20.14	23.32	23.42	21.78	25.79	23.53	30.56	25.73
HCl	15	ppm	12	1	0.95	0.01	0.38	0.48	0.13	0.00	0.00	0.00	0.09	0.00	0.08	4.91	1.81	1.98	0.81	0.91
CO	50	ppm	12	1	0.91	0.53	0.32	0.35	0.57	0.55	0.45	0.45	0.97	1.00	0.44	0.58	0.38	0.34	0.22	0.33
O_2		%	0	0.1	11.23	7.53	6.24	6.32	7.28	8.29	6.95	7.56	10.89	6.77	7.13	7.57	7.01	7.42	7.21	8.22
FL1		Sm³	12	10	11,198	14,489	16,327	15,832	14,583	13,324	14,735	14,177	11,228	14,807	14,726	13,976	14,772	14,533	14,443	13,124
TMP		℃	0	1	184.25	182.54	183.01	184.39	183.21	182.14	182.10	182.40	182.10	180.03	181.11	182.13	181.02	181.71	182.14	181.60
TM1		℃	0	1	1,048.08	1,024.47	1,092.77	1,092.95	1,054.44	1,033.52	1,059.13	1,034.95	1,006.10	1,042.01	1,075.91	1,083.63	1,067.84	1,076.22	1,089.59	1,081.90
TM3		℃	0	1	36.61	36.61	36.60	36.61	36.60	36.59	36.60	36.60	36.59	36.60	36.60	36.60	36.59	36.60	36.60	36.60