06월 19일 굴뚝별 트렌드

					06-19 00:00	06-19 00:30	06-19 01:00	06-19 01:30	06-19 02:00	06-19 02:30	06-19 03:00	06-19 03:30	06-19 04:00	06-19 04:30	06-19 05:00	06-19 05:30	06-19 06:00	06-19 06:30	06-19 07:00	06-19 07:30
TSP	20	mg/Sm³	12	1	0.99	0.77	0.78	0.69	0.74	0.77	0.81	0.80	1.06	0.76	0.80	0.76	0.85	0.81	0.83	0.86
SOx	30	ppm	12	1	0.00	0.00	1.47	0.71	0.00	3.11	0.00	0.00	1.04	2.80	0.25	0.36	0.00	0.59	0.15	2.60
NOx	70	ppm	12	1	28.19	21.87	22.19	20.70	20.36	19.76	20.86	18.42	25.82	22.81	23.09	24.59	23.83	24.23	27.23	21.26
HCl	15	ppm	12	1	1.84	0.89	0.72	3.96	2.98	7.18	2.24	0.52	1.87	1.61	2.55	1.82	1.56	2.05	3.21	4.93
CO	50	ppm	12	1	0.70	0.44	9.39	0.50	0.49	0.32	0.30	0.45	1.14	24.34	0.24	0.14	0.32	0.26	0.13	0.27
O_2		%	0	0.1	10.40	6.89	6.27	6.29	6.54	6.29	6.07	6.23	8.47	5.09	5.91	6.39	7.49	5.90	6.02	6.29
FL1		Sm³	12	10	9,334	12,315	12,916	12,932	12,746	12,965	13,089	12,963	10,747	13,998	13,274	12,829	11,889	13,276	13,115	12,842
TMP		℃	0	1	186.82	186.61	187.10	187.24	187.28	187.44	187.72	187.64	188.09	188.43	188.74	188.12	187.65	187.89	188.29	188.57
TM1		℃	0	1	1,019.26	1,034.19	1,054.87	1,064.63	1,043.71	1,065.05	1,082.27	1,078.98	1,100.30	1,135.09	1,114.12	1,109.30	1,046.27	1,104.16	1,109.51	1,086.40
IRS		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					06-19 08:00	06-19 08:30	06-19 09:00	06-19 09:30	06-19 10:00	06-19 10:30	06-19 11:00	06-19 11:30	06-19 12:00	06-19 12:30	06-19 13:00	06-19 13:30	06-19 14:00	06-19 14:30	06-19 15:00	06-19 15:30
TSP	20	mg/Sm³	12	1	1.16	0.85	0.93	0.85	0.77	0.80	0.86	0.86	1.09	0.83	0.84	0.83	0.77	0.83	0.86	0.81
SOx	30	ppm	12	1	0.36	1.47	0.00	0.00	0.39	0.02	0.00	0.81	0.00	0.00	4.08	6.79	0.00	0.00	2.07	1.05
NOx	70	ppm	12	1	25.49	27.23	23.68	24.31	26.87	26.92	22.70	17.59	25.55	21.40	30.86	25.14	23.82	29.59	31.14	31.64
HCl	15	ppm	12	1	6.63	6.49	2.51	0.98	2.84	1.81	0.64	4.17	5.74	1.93	5.93	15.88	2.95	1.43	3.74	5.73
CO	50	ppm	12	1	0.38	0.21	2.47	0.47	3.77	11.54	0.44	0.39	0.56	0.32	0.20	0.45	0.45	0.26	0.28	0.20
O_2		%	0	0.1	9.46	6.19	6.52	7.25	5.75	6.72	7.86	7.40	9.63	6.61	6.09	6.83	7.32	7.02	6.14	6.83
FL1		Sm³	12	10	10,042	13,027	12,680	12,070	13,426	12,538	11,669	11,964	10,016	12,838	13,145	12,185	12,052	12,162	12,958	12,297
TMP		℃	0	1	188.41	188.50	188.74	187.69	187.88	188.07	187.82	187.79	188.06	188.33	189.11	189.48	188.38	187.75	188.54	189.16
TM1		℃	0	1	1,056.72	1,088.71	1,082.33	1,051.44	1,121.42	1,079.64	1,026.37	1,031.85	1,036.61	1,052.30	1,095.41	1,070.06	1,041.47	1,072.08	1,105.71	1,092.87
IRS		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					06-19 16:00	06-19 16:30	06-19 17:00	06-19 17:30	06-19 18:00	06-19 18:30	06-19 19:00	06-19 19:30	06-19 20:00	06-19 20:30	06-19 21:00	06-19 21:30	06-19 22:00	06-19 22:30	06-19 23:00	06-19 23:30
TSP	20	mg/Sm³	12	1	0.99	0.67	0.63	0.60	0.59	0.64	0.60	0.71	1.02	0.78	0.84	0.78	0.78	0.87	0.71	0.73
SOx	30	ppm	12	1	1.83	0.00	0.01	6.04	1.21	0.00	0.00	0.87	7.03	0.25	0.00	3.42	0.66	0.00	0.73	0.79
NOx	70	ppm	12	1	45.57	22.64	19.65	18.85	28.95	28.75	24.58	27.42	39.18	26.97	18.68	22.05	24.09	16.42	18.31	15.73
HCl	15	ppm	12	1	8.82	3.41	0.30	12.00	4.23	3.12	2.24	2.36	7.84	2.19	2.24	6.14	4.89	3.96	2.17	5.40
CO	50	ppm	12	1	0.32	0.46	29.79	30.94	20.14	5.46	0.20	0.23	0.16	1.33	0.43	1.59	0.25	0.43	0.40	0.26
O_2		%	0	0.1	9.10	7.71	6.19	5.84	5.44	6.65	6.09	6.43	8.94	5.69	7.28	5.76	5.72	7.17	6.24	7.00
FL1		Sm³	12	10	10,354	11,864	11,921	14,247	13,962	12,681	13,206	13,137	10,486	13,456	11,914	13,274	13,251	11,931	12,710	12,086
TMP		℃	0	1	188.51	186.85	184.60	183.62	187.97	187.82	187.53	187.60	188.38	188.77	188.43	188.53	188.72	188.43	187.61	187.26
TM1		℃	0	1	1,097.83	1,036.88	1,063.35	1,081.75	1,128.29	1,095.63	1,101.79	1,082.03	1,082.19	1,103.07	1,018.89	1,076.74	1,087.02	1,025.36	1,066.05	1,046.95
IRS		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

06월 20일 굴뚝별 트렌드

					06-20 00:00	06-20 00:30	06-20 01:00	06-20 01:30	06-20 02:00	06-20 02:30	06-20 03:00	06-20 03:30	06-20 04:00	06-20 04:30	06-20 05:00	06-20 05:30	06-20 06:00	06-20 06:30	06-20 07:00	06-20 07:30
TSP	20	mg/Sm³	12	1	0.96	0.72	0.77	0.73	0.77	0.82	0.80	0.86	1.10	0.81	0.81	0.86	0.82	0.80	0.84	0.80
SOx	30	ppm	12	1	1.89	0.96	0.00	2.10	1.06	0.00	0.05	0.14	0.36	0.46	0.22	0.00	0.00	0.26	1.31	1.72
NOx	70	ppm	12	1	26.54	21.48	20.22	26.71	27.98	30.66	24.75	25.95	28.57	21.19	26.30	15.48	17.84	22.94	20.44	22.32
HCl	15	ppm	12	1	8.09	4.28	3.95	5.97	5.32	1.86	1.76	0.86	2.27	0.83	0.73	1.36	0.69	1.56	2.18	4.52
CO	50	ppm	12	1	0.65	0.68	0.33	0.56	0.19	0.17	0.30	18.63	1.98	14.57	5.74	0.41	0.40	0.23	0.31	0.25
O_2		%	0	0.1	8.58	5.78	7.37	5.74	5.80	6.03	6.19	6.14	9.36	5.74	5.41	7.83	7.39	6.81	6.34	6.51
FL1		Sm³	12	10	10,554	13,240	11,884	13,336	13,264	13,078	12,916	13,135	10,419	13,398	13,657	11,525	11,882	12,447	12,853	12,631
TMP		℃	0	1	187.49	187.71	187.27	187.66	188.21	188.36	188.39	188.36	188.50	188.36	188.68	188.47	187.59	187.48	188.45	189.03
TM1		℃	0	1	1,086.66	1,095.15	1,035.27	1,102.82	1,123.13	1,103.59	1,101.60	1,089.73	1,064.57	1,094.21	1,114.68	1,006.53	1,020.25	1,057.63	1,070.09	1,064.48
IRS		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					06-20 08:00	06-20 08:30	06-20 09:00	06-20 09:30	06-20 10:00	06-20 10:30	06-20 11:00	06-20 11:30	06-20 12:00	06-20 12:30	06-20 13:00	06-20 13:30	06-20 14:00	06-20 14:30	06-20 15:00	06-20 15:30
TSP	20	mg/Sm³	12	1	1.04	0.80	0.68	0.61	0.61	0.55	0.57	0.60	0.59	0.60	0.62	0.65	0.80	0.83	0.73	0.84
SOx	30	ppm	12	1	0.00	0.75	0.43	0.28	0.21	15.36	35.38	0.00	0.00	0.00	0.01	0.80	0.15	0.09	9.99	0.00
NOx	70	ppm	12	1	24.26	23.27	10.88	0.00	0.00	34.10	77.00	0.01	0.04	0.06	12.59	35.28	24.06	14.41	21.51	12.15
HCl	15	ppm	12	1	4.37	1.35	1.07	0.00	0.00	18.96	2.52	0.00	0.00	0.00	4.91	5.00	2.21	2.21	4.28	3.56
CO	50	ppm	12	1	0.43	0.22	0.05	0.00	0.00	42.21	100.73	0.04	0.03	0.01	0.37	0.49	0.17	0.44	29.09	0.54
O_2		%	0	0.1	9.26	5.99	15.30	21.13	14.64	3.67	9.69	21.12	20.91	20.89	12.61	5.51	6.07	7.28	4.72	7.38
FL1		Sm³	12	10	10,490	13,286	15,317	16,823	16,566	16,391	16,435	16,270	16,220	16,134	16,049	15,910	12,867	11,951	13,990	11,817
TMP		℃	0	1	188.83	188.74	188.86	188.58	188.55	188.54	187.85	188.32	188.91	189.08	189.21	189.57	189.80	189.70	189.74	189.72
TM1		℃	0	1	1,046.73	1,093.59	1,045.83	1,035.49	1,036.69	1,051.85	1,060.17	1,055.91	1,097.39	1,062.43	1,035.73	1,087.08	1,070.59	1,015.15	1,125.49	1,010.47
IRS		℃	0	1	36.25	36.25	36.24	36.25	36.38	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					06-20 16:00	06-20 16:30	06-20 17:00	06-20 17:30	06-20 18:00	06-20 18:30	06-20 19:00	06-20 19:30	06-20 20:00	06-20 20:30	06-20 21:00	06-20 21:30	06-20 22:00	06-20 22:30	06-20 23:00	06-20 23:30
TSP	20	mg/Sm³	12	1	1.00	0.89	0.85	0.78	0.78	0.81	0.79	0.78	1.05	0.93	0.79	0.88	0.75	0.73	0.76	0.84
SOx	30	ppm	12	1	0.00	0.03	0.12	2.00	0.28	0.17	0.01	0.17	0.14	0.00	2.08	1.05	0.88	0.15	1.88	0.00
NOx	70	ppm	12	1	19.84	25.75	29.11	25.95	23.48	21.35	26.80	28.43	31.49	24.26	27.44	21.20	28.29	27.19	38.25	25.23
HCl	15	ppm	12	1	1.41	0.67	0.93	0.61	3.03	2.25	2.41	1.72	2.14	0.58	1.13	1.52	1.80	1.74	1.25	1.49
CO	50	ppm	12	1	1.80	0.52	0.45	4.37	0.18	0.18	0.13	0.10	0.31	0.17	0.12	1.59	0.09	0.05	0.02	0.23
O_2		%	0	0.1	8.39	6.15	6.28	5.52	6.33	6.17	6.29	6.19	10.05	6.57	5.45	6.59	5.83	6.61	5.65	7.28
FL1		Sm³	12	10	10,627	12,870	12,473	13,188	12,515	12,580	12,168	12,181	9,299	12,353	13,046	12,145	12,678	12,029	13,204	11,963
TMP		℃	0	1	189.05	189.25	189.74	189.41	189.37	189.75	189.85	189.70	189.37	189.47	189.57	189.54	189.27	188.71	188.62	188.68
TM1		℃	0	1	1,066.21	1,072.55	1,087.60	1,094.58	1,074.31	1,069.47	1,079.53	1,095.36	1,027.84	1,055.61	1,105.97	1,044.56	1,098.76	1,098.77	1,133.39	1,051.06
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

06월 21일 꿀뚝별 트렌드

					06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21
					00:00	00:30	01:00	01:30	02:00	02:30	03:00	03:30	04:00	04:30	05:00	05:30	06:00	06:30	07:00	07:30
TSP	20	mg/Sm³	12	1	1.05	0.84	0.77	0.85	0.81	0.83	0.84	0.81	1.04	0.82	0.83	0.76	0.86	0.88	0.82	0.79
SOx	30	ppm	12	1	0.33	0.00	0.65	0.00	0.01	0.00	2.38	6.50	1.03	0.00	0.00	0.12	0.00	0.00	0.01	0.86
NOx	70	ppm	12	1	35.60	17.53	23.42	22.62	25.30	21.35	24.39	26.31	39.80	30.80	26.42	24.64	28.08	22.73	18.57	26.81
HCl	15	ppm	12	1	1.41	0.65	0.73	1.22	1.38	2.04	3.33	7.80	5.17	2.91	2.04	1.36	1.06	0.68	0.60	0.66
CO	50	ppm	12	1	0.19	0.32	0.14	0.34	0.22	0.23	0.30	0.51	0.22	0.18	0.22	0.13	0.20	0.32	0.27	0.26
O_2		%	0	0.1	9.01	7.68	6.24	7.48	6.36	7.00	6.71	6.84	8.91	7.09	7.21	6.80	7.14	7.49	7.33	5.73
FL1		Sm³	12	10	9,775	11,273	12,591	11,632	12,545	12,033	12,275	12,175	10,465	12,011	11,928	12,207	12,004	11,723	11,746	13,318
TMP		℃	0	1	188.57	188.29	188.00	188.05	188.19	188.29	188.40	188.44	188.35	188.43	188.52	188.20	188.26	188.23	188.13	188.33
TM1		℃	0	1	1,078.33	1,001.02	1,072.72	1,017.55	1,061.33	1,037.01	1,035.79	1,060.34	1,080.44	1,060.67	1,046.29	1,070.12	1,038.16	1,023.13	1,026.33	1,091.84
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21
					08:00	08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30
TSP	20	mg/Sm³	12	1	1.10	0.82	0.81	0.78	0.88	0.72	0.77	0.84	1.13	0.87	0.86	0.88	0.86	0.82	0.77	0.81
SOx	30	ppm	12	1	1.79	0.62	0.80	2.68	0.47	0.51	0.70	0.07	0.33	0.53	3.78	0.85	0.84	0.00	0.00	0.00
NOx	70	ppm	12	1	36.28	23.24	24.86	28.05	21.12	28.37	33.95	32.79	36.24	31.12	33.22	33.88	29.39	26.26	32.93	25.68
HCl	15	ppm	12	1	3.45	1.80	2.23	3.28	1.29	1.27	2.03	1.67	2.05	3.36	7.26	5.43	7.45	4.88	2.61	1.68
CO	50	ppm	12	1	0.23	0.20	0.17	0.15	0.59	0.19	1.38	0.20	0.28	0.27	0.26	0.18	0.30	0.58	0.30	0.53
O_2		%	0	0.1	9.35	6.82	5.83	5.28	6.80	6.65	6.53	7.25	9.17	7.44	6.74	7.03	7.42	8.27	7.07	7.53
FL1		Sm³	12	10	10,024	12,429	13,251	13,621	12,317	12,448	12,612	11,862	10,057	11,688	12,235	11,919	11,458	10,665	11,995	11,650
TMP		℃	0	1	188.91	188.78	188.49	188.86	189.04	187.98	187.95	188.07	188.32	188.54	188.76	188.87	188.69	188.01	187.13	187.03
TM1		℃	0	1	1,064.93	1,040.97	1,079.23	1,121.99	1,070.02	1,087.13	1,090.39	1,061.17	1,081.85	1,048.35	1,081.58	1,069.14	1,040.92	1,008.29	1,064.79	1,027.95
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21	06-21
					16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30	21:00	21:30	22:00	22:30	23:00	23:30
TSP	20	mg/Sm³	12	1	1.02	0.86	0.76	0.73	0.78	0.77	0.73	0.81	1.08	0.87	0.90	0.87	0.81	0.80	0.81	0.79
SOx	30	ppm	12	1	0.00	0.00	0.45	6.77	3.72	1.22	0.56	0.79	4.82	0.12	1.26	0.00	0.00	0.00	0.00	0.06
NOx	70	ppm	12	1	26.24	21.17	20.75	24.11	27.63	27.84	24.66	25.26	32.15	22.49	22.99	20.40	24.04	24.07	22.88	26.61
HCl	15	ppm	12	1	0.84	0.04	0.37	6.79	11.06	6.13	3.72	4.01	6.84	4.51	4.86	0.77	0.00	0.04	0.22	0.95
CO	50	ppm	12	1	0.74	0.94	0.31	0.55	0.28	0.17	0.14	2.21	0.32	0.26	0.22	0.26	0.17	0.17	0.13	0.08
O_2		%	0	0.1	10.50	8.17	5.63	6.02	6.34	6.26	5.71	6.39	8.93	6.62	6.20	6.59	6.18	6.31	6.18	6.33
FL1		Sm³	12	10	9,372	11,471	13,844	13,533	13,143	13,194	13,526	12,733	10,523	12,601	13,195	12,633	13,138	13,087	13,293	13,159
TMP		℃	0	1	186.90	186.83	187.07	187.82	188.25	187.91	187.75	187.86	188.02	187.99	188.38	187.88	187.08	186.99	187.23	187.74
TM1		℃	0	1	995.92	960.75	1,072.46	1,085.08	1,068.38	1,083.99	1,102.21	1,084.86	1,064.39	1,052.12	1,072.37	1,047.85	1,062.35	1,069.18	1,082.01	1,093.01
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59