

Example file generated by "real" Cumulus		Contents		Domotica	Script-operation	Remarks
		Short description	svalue	API/ JSON	Generation of data-contents	
#						
0	BOF	File-Header				Fixed contents/ character-string
1						
2	StationDate = "07-01-2021";	Local Date (CET)	x	x	Extract in script	
3	StationTime = "18:30";	Local time (CET)	x	x	Extract in script	All time-values are 'local', not UTC
4						
5	StempUnit = "°C";	Unit			Fixed contents/ character-string	
6	ShumUnit = "%";	Unit			Fixed contents/ character-string	
7	SbarUnit = "hPa";	Unit			Fixed contents/ character-string	
8	SrainUnit = "mm";	Unit			Fixed contents/ character-string	
9	SrateUnit = "mm/hr";	Unit			Fixed contents/ character-string	
10	SwindUnit = "km/h";	Unit			Fixed contents/ character-string	
11						
12	SsunriseTime = "08:45";	Sunrise (CET)	x	x	Extract in script	
13	SsunsetTime = "16:32";	Sunset (CET)	x	x	Extract in script	
14						
15	SoutsideTemp = "1,2";	Current Temperature	x	x	x Extract in script	
16	ShiOutsideTemp = "3,3";	Highest Temp. Today			x Calculate in script/ from Database?	
17	SlowOutsideTemp = "0,6";	Lowest Temp. Today			x Calculate in script/ from Database?	
18						
19	SlowOutsideTempTime = "00:00";	Time of Lowest Temp.			x Calculate in script/ from Database?	
20	ShiOutsideTempTime = "13:54";	Time of Highest Temp.			x Calculate in script/ from Database?	
21						
22	SlowMonthlyOutsideTemp = "...";					
23	ShiMonthlyOutsideTemp = "...";					
24	ShiYearlyOutsideTemp = "...";					
25	SlowYearlyOutsideTemp = "...";					
26						
27	SoutsideHumidity = "97";	Current Humidity	x	x	x Extract in script	
28	ShiHumidity = "...";					
29	ShiHumidityTime = "...";					
30	SlowHumTime = "...";					
31	ShiHumTime = "...";					
32	ShiMonthlyHumidity = "...";					
33	SlowMonthlyHumidity = "...";					
34	ShiYearlyHumidity = "...";					
35	SlowYearlyHumidity = "...";					
36						
37	SoutsideDewPt = "0,8";	Current Dewpoint	x	x	x Extract in script	
38	ShiDewpoint = "...";					
39	SlowDewpoint = "...";					
40	ShiDewpointTime = "...";					
41	SlowDewpointTime = "...";					
42	ShiMonthlyDewpoint = "...";					
43	SlowMonthlyDewpoint = "...";					
44	ShiYearlyDewpoint = "...";					
45	SlowYearlyDewpoint = "...";					
46						
47	SwindSpeed = "0,0";	Current Windspeed	x	x	x Extract in script	
48	Swind10Avg = "0,0";	Average Windspeed			x Calculate in script/ from Database?	
49	ShiWindSpeed = "3,0";	Highest Windgust			x Calculate in script/ from Database?	Latest Gust-info is in svalue/JSON. If no gust info, then use Windspeed-info.
50	ShiWindSpeedTime = "13:14";	Time of Highest Windgust			x Calculate in script/ from Database?	
51	ShiMonthlyWindSpeed = "...";					
52	ShiYearlyWindSpeed = "...";					
53						
54	SwindDir = "313";	Current Winddirection (number)	x	x	x Extract in script	
55	SwindDirection = "...";	Current Winddirection (tekst)	x	x	x Extract in script	max. 3 letters [allowed collection NEWS]
56						
57	SwindChill = "1,2";	Current Windchill			x Calculate in script/ from Database?	Formula: see https://en.wikipedia.org/wiki/Wind_chill or https://sciencing.com/calculate-wind-chill-factor-5981683.html or https://www.wikihow.com/Calculate-Wind-Chill#Calculating-Wind-Chill-Yourself
58	SlowWindchill = "...";					
59	SlowWindchillTime = "...";					
60	SlowMonthlyWindchill = "...";					
61	SlowYearlyWindchill = "...";					
62						
63						
64	SoutsideHeatIndex = "1,2";	Current HeatIndex			x Calculate in script/ from Database?	Formula: see https://en.wikipedia.org/wiki/Heat_index or https://sciencing.com/calculate-heat-index-formula-6200182.html
65	ShiHeatIndex = "...";					
66	ShiMonthlyHeatIndex = "...";					
67	ShiYearlyHeatIndex = "...";					
68						
69	Sthw = "...";					
70						
71	ShiTHSWIndex = "...";					
72	ShiTHSWIndexTime = "...";					
73	ShiMonthlyTHSWIndex = "...";					
74	ShiYearlyTHSWIndex = "...";					
75						
76	Sbarometer = "1010,3";	Actual pressure at MSL	x	x	x Extract in script	
77	SbarTrend = "Rising slowly";	Pressure Trend			x Calculate in script/ from Database?	Requires calculation of deltaP/3hour and deltaP/3hours, in hPa
78	SlowBarometer = "1009,6";	Lowest Pressure Today			x Calculate in script/ from Database?	Interpretation of values => 5" text (English or Dutch)
79	ShiBarometer = "1013,0";	Highest Pressure Today			x Calculate in script/ from Database?	
80	SlowMonthlyBarometer = "...";					
81	ShiMonthlyBarometer = "...";					
82	SlowYearlyBarometer = "...";					
83	ShiYearlyBarometer = "...";					
84	SlowBarometerTime = "14:46";	Time Lowest			x Calculate in script/ from Database?	
85	ShiBarometerTime = "00:00";	Time Highest			x Calculate in script/ from Database?	
86						
87	SdailyRain = "1,6";	Rain Today	x	x	x Extract in script	
88	SstormRain = "...";					
89	SmonthlyRain = "4,8";	Rain This Month			x Calculate in script/ from Database?	
90	StotalRain = "4,8";	Rain This Year	x	x	x Calculate in script/ from Database?	Not used in HWA
91						
92	SrainRate = "0,0";	Rain This Hour	x	x	x Extract in script	
93	ShiRainRate = "0,0";	Highest RainRate Today			x Calculate in script/ from Database?	
94	ShiRainRateTime = "00:00";	Time Highest Rain Rate			x Calculate in script/ from Database?	
95	ShiRainRateHour = "...";					
96	ShiMonthlyRainRate = "...";					
97	ShiYearlyRainRate = "...";					
98						
99	SsolarRad = "0";	SolarRadiation	x	x	x Extract in script/ convert lux to W/m^2	
100	ShiSolarRad = "...";					
101	ShiSolarRadTime = "...";					
102	ShiMonthlySolarRad = "...";					
103	ShiYearlySolarRad = "...";					
104						
105	Suv = "0,0";	UVI	x	x	x Extract in script	
106	ShiUV = "...";					
107	ShiUVTime = "...";					
108	ShiMonthlyUV = "...";					
109	ShiYearlyUV = "...";					
110						
111	SinsideTemp = "...";					
112	ShiInsideTemp = "...";					
113	SlowInsideTemp = "...";					
114	ShiInsideTempTime = "...";					
115	SlowInsideTempTime = "...";					
116	ShiMonthlyInsideTemp = "...";					
117	SlowMonthlyInsideTemp = "...";					
118	ShiYearlyInsideTemp = "...";					
119	SlowYearlyInsideTemp = "...";					
120						
121	SinsideHumidity = "...";					
122	ShiInsideHumidity = "...";					
123	SlowInsideHumidity = "...";					
124	ShiInsideHumidityTime = "...";					
125	SlowInsideHumidityTime = "...";					
126	ShiMonthlyInsideHumidity = "...";					
127	SlowMonthlyInsideHumidity = "...";					
128	ShiYearlyInsideHumidity = "...";					
129	SlowYearlyInsideHumidity = "...";					
130						
131	SinsideDewPt = "...";					
132						
133	SinsideHeatIndex = "...";					
134						
135	Sforecast = "Mostly cloudy and cooler."					
136						
137	Cumulusversion = "Versie 3.9.4, build 3099"	Software for generation			x "Domotica-Cumulus, release xxx"	xxx to be defined by user
138						
139	EOF	File-closure				Fixed contents/ character string
140						