

# WY3 to EPW

Quick Introduction

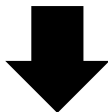
# Goal

KWEEEDS2011,QUEBEC INTL A,QC,CAN,7016293,46.80,-71.38,-5.00, 74.4

7016293A1998010101	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10130	-253	-306	250	42	0	0	1N
7016293A1998010102	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10137	-241	-306	270	67	0	0	1N
7016293A1998010103	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10147	-248	-311	250	53	0	0	1N
7016293A1998010104	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10151	-261	-316	250	56	0	0	1N
7016293A1998010105	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10161	-267	-319	250	47	0	0	1N
7016293A1998010106	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10167	-269	-320	250	78	0	0	1N
7016293A1998010107	0	0S	0S	0S	0Q	0Q	0Q999999997777	2000	241	00000000	10171	-269	-321	250	67	1	1	1N

**.WY3**

## 15-30 Years of data in 1 file



LOCATION,QUEBEC INTL A,OC,CAN,CWEC2011,999999,46.80,-71.38,-5.0,74.4

DESIGN CONDITIONS, 0

TYPICAL/EXTREME PERIODS,6,Summer - Week Nearest Max Temperature For Period,Extreme,7/20,7/26,Summer - Week Nearest Average Temperature For Period,Typical,6/  
 GROUND TEMPERATURES,3,,5,,, -6.83, -8.03, -5.91, -2.59,6.08,12.78,17.29,18.67,16.32,11.13,4.18, -2.26,2,,, -2.43, -4.56, -4.13, -2.37,3.44,8.68,12.88,15.13,14.65,1  
 HOLIDAYS/DAYLIGHT SAVINGS,No,0,0,0

```
COMMENTS 1,Custom/User Format -- WMO#999999; Custom DEF format for CWEC2011 formatted files.;
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COMMENTS 2, -- Ground temps produced with a standard soil diffusivity of 2.3225760E-03 {m\*\*2/day}

DATA PERIODS,1,1,Data,Sunday, 1/ 1,12/31

[illegible]

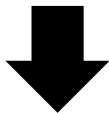
**.EPW**

## 15-30 Years of data in yearly files

## Function 1: WY3toEPW()

ICWEEDS2011, QUEBEC INTL A, QC, CAN, 7016293, 46.80, -71.38, -5.00, 74.4

7016293A1998010101	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10130	-253	-306	250	42	0	0	1N
7016293A1998010102	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10137	-241	-306	270	67	0	0	1N
7016293A1998010103	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10147	-248	-311	250	53	0	0	1N
7016293A1998010104	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10151	-261	-316	250	56	0	0	1N
7016293A1998010105	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10161	-267	-319	250	47	0	0	1N
7016293A1998010106	0	0M	0Q	0M	0Q	0Q	0Q999999997777	0000	241	00000000	10167	-269	-320	250	78	0	0	1N
7016293A1998010107	0	0S	0S	0S	0Q	0Q	0Q999999997777	2000	241	00000000	10171	-269	-321	250	67	1	1	1N



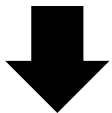
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[illegible]

DESIGN CONDITIONS, 0

```
COMMENTS 1,Custom/User Format -- WMO#999999; Custom DEF format for CWEC2011 formatted files.;
```

DATA PERIODS,1,1,Data,Sunday, 1/ 1,12/31

[illegible]

DESIGN CONDITIONS, 0

```
COMMENTS 1,Custom/User Format -- WMO#999999; Custom DEF format for CWEC2011 formatted files.;
```

DATA PERIODS,1,1,Data,Sunday, 1/ 1,12/31

[illegible]

## 15-30 Years of data in yearly files

# Function 3: CreatePath()

Folder with  
Typical Weather  
Files

Folder with  
Historical  
Weather Files



StationNumber		Location	Years	CWEEDsPath		CWECPath
0	7050145	AMQUI	1998-2017	..\Weather Files - Before Conversion\CWEEDs\CA...	..\Weather Files - Before Conversion\CWEC\CAN...	
1	7060400	BAGOTVILLE-A	1998-2017	..\Weather Files - Before Conversion\CWEEDs\CA...	..\Weather Files - Before Conversion\CWEC\CAN...	
2	7040442	BAIE-COMEAU-A	1998-2017	..\Weather Files - Before Conversion\CWEEDs\CA...	..\Weather Files - Before Conversion\CWEC\CAN...	
3	7045001	BAIE-COMEAU	1998-2017	..\Weather Files - Before Conversion\CWEEDs\CA...	..\Weather Files - Before Conversion\CWEC\CAN...	
4	7080468	BARRAGE-TEMISCAMINGUE	1998-2017	..\Weather Files - Before Conversion\CWEEDs\CA...	..\Weather Files - Before Conversion\CWEC\CAN...	