

Data Types

Each file has been sorted by the Alberta Survey Control Marker (ASCM) number. However, users can manipulate the data to fit their own needs using the various functions within Microsoft Excel. Also, each file's compilation date is shown on the first line of the file. For each ASCM listed, the following information (data types) is given:

- ASCM-NO
- Geographic Coordinates (degrees minutes seconds) Gives the latitude and longitude
- Geoidal Undulation (metres)
- Horizontal Classification
Gives the Integration Status and the Order

Horizontal Integration Status Codes:

I = Integrated
 N = Not Integrated
 T = Provisional
 U = Not Classified
 X = Approximate
 Y = Consult Agency

- Horizontal Datum
- Mapsheet Name
- Mapsheet Number
- Marker Condition
- Meridian Deflection (arc-seconds)
- Orthometric Height (metres) - vertical datum = CVD28
- Prime Vertical Deflection (arc-seconds)
- Tablet Marking
- Universal Transverse Mercator Coordinates (metres) Gives the Universal Transverse Mercator (UTM) coordinates, as well as the associated Reference Meridian (degrees), Station Ellipsoid Factor, Station Combined Factor, and Meridian Convergence (degrees minutes seconds).
- Vertical Integration Gives the Vertical Integration Status and the Vertical Integration Method by which the ASCM was integrated into the provincial spatial referencing system.

Vertical Integration Status Codes:

I = Integrated
 N = Not Integrated
 T = Provisional
 U = Not Classified
 X = Approximate
 Y = Consult Agency

- 3-Degree Transverse Mercator Coordinates (metres) Gives the 3-degree Transverse Mercator (3TM) coordinates, as well as the associated Reference Meridian (degrees), Station Ellipsoid Factor, Station Combined Factor, and Meridian Convergence(degrees minutes seconds).