Because magnetic declination changes over time, the degree of declination should be determined at the time of publication, and the year of the declination measurement should be changed to the year of publication. In northern latitudes where the change in declination can be significant, it may be helpful to also note what the degree of declination was at the time of mapping, especially if the geologic information was gathered several years before the date of publication.

36.1—Magnetic north, east of true north

<table>
<thead>
<tr>
<th>True North</th>
<th>Magnetic North</th>
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</thead>
<tbody>
<tr>
<td>1°</td>
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<tr>
<td>18°</td>
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</table>

**CARTOGRAPHIC SPECIFICATIONS**

- **H-6 (14, 1°); H-4 (1, 2)**
- dot diameter .275 mm; spacing .4 mm
- arrow linewidth .15 mm; length 17.75 mm

**DECLINATION, 2006**

- H-4; tracking 50/1000 em
- .75 mm
- H-5; tracking 50/1000 em
- .75 mm

**APPROXIMATE MEAN**

- TRUE NORTH
- MAGNETIC NORTH

**NOTES ON USAGE**

- Because magnetic declination changes over time, the degree of declination should be determined at the time of publication, and the year of the declination measurement should be changed to the year of publication. In northern latitudes where the change in declination can be significant, it may be helpful to also note what the degree of declination was at the time of mapping, especially if the geologic information was gathered several years before the date of publication.
36—MEAN DECLINATION ARROWS (continued)

36.1—Magnetic north, east of true north (continued)

Approximate mean declination, 2006

Magnetic North

True North

Approximate mean declination, 2006

Magnetic North

True North

Approximate mean declination, 2006

Magnetic North

True North

Approximate mean declination, 2006

Magnetic North

True North

Approximate mean declination, 2006

Magnetic North

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Approximate mean declination, 2006

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Approximate mean declination, 2006

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Approximate mean declination, 2006

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True North

Approximate mean declination, 2006

Magnetic North

True North
### 36—MEAN DECLINATION ARROWS (continued)

#### 36.2—Magnetic north, west of true north

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<table>
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<tbody>
<tr>
<td>Magnetic North</td>
<td>True North</td>
<td>Magnetic North</td>
<td>True North</td>
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<td>True North</td>
</tr>
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</table>

<table>
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<th>19½°</th>
</tr>
</thead>
<tbody>
<tr>
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<td>True North</td>
<td>Magnetic North</td>
<td>True North</td>
<td>Magnetic North</td>
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</table>

<table>
<thead>
<tr>
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<td>True North</td>
<td>Magnetic North</td>
</tr>
</tbody>
</table>