

Azimuths of alignments in West Penwith

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|----|-------|-----|---|-----|--------|-----|---|
| 0 | 0.07° | LP5 | Kemyel A menhir to Sheffield menhir | 90 | 90.0° | 129 | Botallack circles to Boswens menhir |
| | 0.7° | 59 | St Ives Island to St Michael's Mount | | 91.7° | 14 | Aire Point to Roskilly Rocks |
| | 03.2° | 121 | Pordenack Point to Cape Kenidjack | | 91.7° | 60 | Aisia Well to Kemyel B menhir |
| | 03.5° | 119 | Merry Maidens stone circle to Zennor Head | | 92.0° | 164 | Ballowall Barrow to St Michael's Mount |
| | 03.9° | 184 | Carn Galva SE peak to Higher Trevorian stone circle | | 92.0° | LP3 | Swingate B menhir to Swingate E menhir |
| | 07.1° | 93 | Gurnard's Head to Cribba Head chambered cairn | | 92.8° | 111 | Lanyon Quoit to Chûn Quoit |
| | 07.5° | 168 | Pendeen Watch to Carn Lês Boel | | 93.3° | 71 | Treavean Settlement to Cargease mound enclosure |
| 5 | 11.7° | 172 | Castle-an-Dinas to Kemyel Point | 95 | 93.3° | 24 | Trelew menhir to Halwyn Cross |
| | 12.5° | 37 | Treryn Dinas to Nine Maidens stone circle | | 93.7° | LP4 | Swingate F menhir to Castallack menhir |
| | 13.2° | 135 | Mên-an-Tol to Brane Cross | | 94.2° | 77 | St Michael's Mount to Cape Cornwall |
| | 14.3° | 169 | Carn Lês Boel to Carn Kenidjack | | 94.9° | 44 | King Arthur's Table to Kemyel Point |
| | 14.8° | 45 | Pennance chambered cairn to Bosiliack menhir | | 95.8° | 163 | Cape Cornwall to Pengersick Castle |
| | 16.0° | 39 | Tregiffian Vean chambered cairn to Portheras Common barrow | | 98.2° | 12 | Carn Ding Dong to Roskilly Rocks |
| | 16.5° | 36 | Merry Maidens hedge stone to Ennis Farm menhir | | 98.5° | 147 | White Downs cairn to Boskednan S menhir |
| | 18.0° | 155 | Tol pedn Penwith to Gurnard's Head | 100 | 98.8° | 31 | Brea menhir to St Clement's Isle |
| 10 | 18.9° | 110 | Gurnard's Head to Bartinney Castle | | 99.6° | 160 | St Anthony's Chapel, Penzance to Kenidjack Castle |
| | 21.4° | 35 | Boscawen-Ros W menhir to Ennis Farm menhir | | 100.3° | 156 | Carn Galva to Rosemullion Head |
| | 21.6° | 127 | Bosporthenis Quoit to West Lanyon Quoit | | 100.5° | 176 | Kemyel Point to Pendrea Farm stone |
| | 22.4° | 131 | Bosigran Castle to Tregiffian Vean chambered cairn | | 102.3° | 145 | Chapel Carn Brea to Bojewans Carn |
| | 23.5° | 40 | Pennance chambered cairn to Brane chambered cairn | | 103.5° | 134 | Watch Croft menhir to Nine Maidens Downs cairn |
| | 26.8° | 63 | Bosvenning Common B tumulus to Treen Common circle | | 103.8° | 152 | Gurnard's Head to Rosemullion Head |
| 15 | 27.7° | 20 | Runnel Stone to Boscawen-ûn stone circle | | | | |
| | 28.2° | 70 | Aisia Well to Chapel Downs (Sancreed) Well | | | | |
| | 28.5° | 153 | Castle-an-Dinas to Lundy to Worm's Head | | | | |
| | 28.9° | 144 | Gurnard's Head to Chûn Quoit | | | | |
| | 29.6° | 173 | Carn Lês Boel to Boskednan (Nine Maidens) stone circle | | 107.9° | 65 | Bartinney Castle hillfort to Kerris menhir |
| | 30.4° | 76 | Stone near Chapel Kernow to The Blind Fiddler menhir | | 108.6° | 159 | Carnyorth Circle to the Gear Rocks |
| | 30.4° | 109 | Gurnard's Head to Maen Castle hillfort | | | | |
| | 30.6° | 182 | Carn Naun cliff sanctuary to Bosvenning B barrow | | | | |
| 20 | 31.0° | 165 | Treryn Dinas to Castle-an-Dinas | 110 | 109.8° | 62 | Bunkers Hill W menhir to Castallack Carn menhir |
| | 32.1° | 42 | Carn Boel to Carn Porth | | 110.3° | 84 | Lower Numphra barrow to Drift N menhir |
| | 32.5° | 85 | Wolf Rock to Boskednan S cairn | | | | |
| | 33.3° | 104 | Trencrom Hill to Merry Maidens stone circle | | | | |
| | 34.7° | 179 | Tregeseal C (destroyed) to Rosemergy stone circle (destroyed) | | | | |
| | 36.7° | 26 | Boscawen-Ros W menhir to SW Piper menhir | | | | |
| 25 | 36.9° | 16 | Sennen hedge menhir to Nine Maidens stone circle | 115 | 115.9° | 183 | Kemyel Point to Carn Creis N cairn |
| | 37.6° | 48 | Boscawen-Ros E menhir to Sheffield menhir | | | | |
| | 37.8° | 180 | Maen Castle cliff sanctuary to Carn Naun | | | | |
| | 38.4° | 89 | Carn Lês Boel to Carrack Du rock outcrop | | | | |
| | 39.0° | 142 | Sperris Quoit to Lanyon Quoit | | | | |
| | 41.3° | 19 | Sennen church to Carfury menhir | | 117.5° | 74 | Rissick menhir to Merry Maidens stone circle |
| | 41.9° | 46 | Zennor stone row hedge stone to Watch Croft menhir | | | | |
| | 42.6° | 22 | Rospennel Stone to Boscawen-ûn field menhir | | | | |
| 30 | 42.7° | 105 | Wolf Rock to Trencrom Hill | 120 | 118.6° | 13 | Sancreed churchyard crosses to St Clement's Isle |
| | 43.2° | 27 | Trevivan menhir to Faughan Round gatepost stones | | | | |
| | 43.8° | 33 | Carfury menhir to Towednack A tumulus | | | | |
| | 44.0° | LP2 | Kemyel B menhir to Swingate F menhir | | | | |
| | 45.1° | 170 | Carn Kenidjack to Treveglos stone row | | | | |
| | 47.0° | 140 | Pennance chambered cairn to Tregeseal W stone circle | | | | |
| 35 | 47.0° | 143 | Chûn Castle hillfort to Tregeseal stone circle | 125 | 119.9° | 47 | Cape Cornwall to Boscawen-ûn field menhir |
| | 47.3° | 186 | Tregeseal to Carn Galva | | 120.7° | 81 | Cudden Point to Four Parishes Stone |
| | 48.0° | 82 | Longships rocks to St Ives Head | | 120.7° | 126 | Godolphin Hill to Trendrine cairns |
| | 49.9° | 113 | Lanyon Quoit to Mulfra Quoit | | 121.4° | 149 | Bosiliack menhir to White Downs cairn |
| | 50.0° | 50 | Holed stone nr Boskenna Cross to holed stone nr Boleigh Farm | | 122.0° | 117 | Gurnard's Head to Carrick Luz |
| | 50.4° | 5 | Boswens menhir to Trendrine N cairn | | | | |
| | 50.7° | 55 | Carn Lês Boel to Trevarnon Round | | | | |
| 40 | 52.2° | 32 | Botrea Barrows to Lady Downs B tumulus | | | | |
| | 52.8° | 112 | Runnel Stone to Castallack Carn menhir | | | | |
| | 54.1° | 6 | Boswens menhir to Boundary stone on Bosporthenis Common | | | | |
| | 54.2° | 58 | Treen Common circle 'enclosure' to Woon Gumpas A tumulus | | | | |
| | 54.3° | 108 | Treryn Dinas to Carn Brea | | | | |
| | 54.6° | 151 | Treen Common Circle to Chûn Quoit | | | | |
| 45 | 54.7° | 86 | St Just church to Mên-an-Tol | | | | |
| | 54.8° | 175 | Tregurno stone circle to Treryn Dinas cliff sanctuary | | | | |
| | 55.6° | 101 | Chûn Quoit to St Ives Head | | | | |
| | 57.3° | 7 | Tregeseal stone circle to Nine Maidens stone circle | | | | |
| | 58.2° | 138 | Mulfra Quoit to West Lanyon Quoit | | | | |
| | 58.5° | 54 | Cape Cornwall to St Agnes Head | | | | |
| 50 | 60.0° | 100 | Gûn Rith menhir to Castallack Carn menhir | | | | |
| | 60.3° | 94 | Obadiah's Barrow to Godrevy Head | | | | |
| | 61.2° | 128 | Bosporthenis Quoit to Sperris Quoit | | | | |
| | 61.3° | 21 | Boskenna Gate Cross to Castallack Round | | | | |
| | 61.9° | 120 | Trevorgans menhir to Tresvenack Pillar menhir | | | | |
| | 63.2° | 4 | The Brisons to Noon Veor tumulus | | | | |
| | 63.5° | 158 | The Peal offshore rocks to Carn Brea menhir | | | | |
| 55 | 64.3° | 83 | Chapel Carn Brea summit cairn to Carn Brea | | 144.1° | 146 | Carn Galva to Boskednan S cairn |
| | 64.6° | 49 | Merry Maidens stone circle to Tumulus nr. Boskenna Cross | | 144.2° | 137 | The Pipers NE menhir to Tregeseal stone circle |
| | 64.6° | 185 | Giants Grave to Wicca Round | 145 | 144.7° | 10 | Tregeseal stone circle to Trelew menhir |
| | 64.7° | 166 | Boleigh tumulus to Swingate D menhir | | | | |
| | 65.4° | 122 | Pordenack Point to Ennis Farm menhir | | | | |
| | 65.5° | 130 | Cape Kenidjack to Carn Eanes menhir | | | | |
| | 65.7° | 106 | Cape Cornwall to Nine Maidens stone circle | | | | |
| | 66.2° | 8 | Tregeseal chambered cairn to Mulfra Vean settlement | | | | |
| 60 | 66.3° | 95 | Bonfire Carn to Mulfra Barrows | | | | |
| | 66.5° | 41 | King Arthur's Table to Drift NNW menhir | | | | |
| | 66.5° | 73 | Chapel Carn Brea to Gulval church | | | | |
| | 66.8° | 98 | Bant's Carn to Carn Brea | | | | |
| | 67.0° | 75 | Higher Trevorian stone circle (destroyed) to St Michael's Mount | | | | |
| | 67.7° | 96 | Bryher cairn field to Lady Downs Barrows | | | | |
| | 68.0° | 25 | Boskenna Gate Cross to Merry Maidens stone circle | | | | |
| 65 | 68.5° | 23 | Chyangwens menhir to Faughan Round gatepost stones | | | | |
| | 68.7° | 18 | Sennen hedge menhir to Drift NNW menhir | | | | |
| | 68.7° | 161 | Chapel Carn Brea to Kaer Round | | | | |
| | 70.1° | 178 | Rosemergy stone circle (destroyed) to Zennor Quoit | | | | |
| | 70.3° | 9 | Tregeseal stone circle to Chysauster settlement | | | | |
| | 70.5° | 162 | Caer Bran to Treveneague Beacon | | | | |
| | 71.3° | 64 | Tregiffian Vean Chambered cairn to Brane Cross | | | | |
| 70 | 71.7° | 177 | Carn Eanes menhir to Hayle Towans menhir | | | | |
| | 71.8° | 66 | Carn Euny settlement to Tremethick Cross | | | | |
| | 71.8° | 80 | The Brisons to Carn Brea | | | | |
| | 72.7° | 52 | Rospannel Menhir to Sheffield menhir | | | | |
| | 73.0° | 125 | Chapel Carn Brea to Bryher cairns | | | | |
| | 73.2° | 78 | St Michael's Mount to Samson Hill cairn | | | | |
| | 75.3° | 148 | Mên-an-Tol to Mulfra barrows | | | | |
| 75 | 75.4° | 97 | Castle Downs cairns to Goldolphin Hill enclosure | | | | |
| | 77.3° | 29 | Bunkers Hill W menhir to Tresvenack Pillar menhir | | | | |
| | 77.3° | 123 | Merry Maidens stone circle to Gweal Hill cairn | | | | |
| | 78.0° | 67 | Bosiliack menhir to Castle-an-Dinas hillfort | | | | |
| | 78.2° | 68 | Carn Bean B tumulus to Lower Ninnas menhir | | | | |
| | 79.8° | 132 | Carfury menhir to Chûn Downs barrow | | | | |
| 80 | 79.9° | 92 | Nine Maidens stone circle to Roundwood Fort | | | | |
| | 80.8° | 17 | Sennen hedge menhir to Cudden Point | | | | |
| | 81.1° | 51 | Gûn Rith menhir to lane to Borah farmhouse | | | | |
| | 81.5° | 72 | Carn Eanes menhir to hut circles nr Chysauster | | | | |
| | 81.8° | 53 | The Blind Fiddler menhir to Eathorne menhir | | | | |
| | 83.0° | 91 | Nine Maidens stone circle to Try menhir | | | | |
| | 83.3° | 102 | Kemyel A menhir to Gun Rith menhir | | | | |
| 85 | 83.6° | 43 | King Arthur's Table to St Clement's Isle | | | | |
| | 85.8° | 1 | Mên Scryfa Inscribed Stone to Mulfra Quoit | | | | |
| | 86.2° | 124 | Pendeen Watch to Nare Head | | | | |
| | 86.6° | 56 | Chûn Quoit to Carfury menhir | | | | |
| | 86.7° | 3 | Mên-an-Tol to Castle-an-Dinas hillfort | | | | |
| | 87.1° | 90 | The Brisons to St Anthony's Head | | | | |
| 90 | 88.9° | 139 | St Ives Head to Roundwood Fort | 180 | 180.0° | 28 | Carfury menhir to NE Piper menhir (due N-S) |