



| <u>CITY/TOWN</u> | <u>LAT</u> | <u>LON</u> | <u>TILT AT</u> |
|-------------------------|------------|------------|----------------|
| Abbottabad | 34° 10' | 73° 15' | 55° 50' |
| Ahmad Wal | 29° 18' | 65° 58' | 60° 42' |
| Ahmadpur | 29° 12' | 71° 10' | 60° 48' |
| Ahmadpur Lamma | 28° 19' | 70° 03' | 61° 41' |
| Alipur | 29° 25' | 70° 55' | 60° 35' |
| Allah Dad | 25° 38' | 67° 34' | 64° 22' |
| Anambar | 30° 15' | 68° 50' | 59° 45' |
| Ashewat | 31° 22' | 68° 32' | 58° 38' |
| Atari | 30° 56' | 74° 02' | 59° 04' |
| Attock | 33° 52' | 72° 20' | 56° 08' |
| Babar | 31° 07' | 69° 32' | 58° 53' |
| Babarkach | 29° 45' | 68° 00' | 60° 15' |
| Babusar Pass | 35° 12' | 73° 59' | 54° 48' |
| Baddo | 28° 00' | 64° 20' | 62° 00' |
| Badin | 24° 38' | 68° 54' | 65° 22' |
| Bagh | 33° 59' | 73° 45' | 56° 01' |
| Bahawalnagar | 30° 00' | 73° 15' | 60° 00' |
| Bahawalpur | 29° 24' | 71° 40' | 60° 36' |
| Balochistan/Baluchistan | 27° 30' | 65° 00' | 62° 30' |
| Baltit | 36° 15' | 74° 40' | 53° 45' |
| Baluchistan | 27° 30' | 65° 00' | 62° 30' |
| Bannu | 33° 00' | 70° 18' | 57° 00' |
| Baran | 25° 13' | 68° 17' | 64° 47' |
| Bari Doab | 30° 20' | 73° 00' | 59° 40' |
| Barsat | 36° 10' | 72° 45' | 53° 50' |
| Basal | 33° 33' | 72° 13' | 56° 27' |
| Bela | 26° 12' | 66° 20' | 63° 48' |
| Bellpat | 29° 00' | 68° 05' | 61° 00' |
| Besal | 35° 04' | 73° 56' | 54° 56' |
| Bhag | 29° 02' | 67° 49' | 60° 58' |
| Bhakkar | 31° 40' | 71° 05' | 58° 20' |
| Bhaun | 32° 55' | 72° 40' | 57° 05' |
| Bhera | 32° 29' | 72° 57' | 57° 31' |
| Bhimbar | 32° 59' | 74° 03' | 57° 01' |
| Bholari | 25° 19' | 68° 13' | 64° 41' |
| Bolan | 28° 38' | 67° 42' | 61° 22' |
| Bostan | 30° 26' | 67° 02' | 59° 34' |
| Bunji | 35° 45' | 74° 40' | 54° 15' |
| Campbellpur | 33° 46' | 72° 26' | 56° 14' |
| Central Makran Range | 26° 30' | 64° 15' | 63° 30' |
| Chacharan | 28° 55' | 70° 30' | 61° 05' |
| Chachro | 25° 05' | 70° 15' | 64° 55' |
| Chaj Doab | 32° 15' | 73° 00' | 57° 45' |
| Chak Amru | 32° 22' | 75° 11' | 57° 38' |
| Chakar | 29° 29' | 68° 02' | 60° 31' |
| Chakwal | 32° 56' | 72° 53' | 57° 04' |
| Chaman | 30° 58' | 66° 25' | 59° 02' |
| Chang | 26° 59' | 68° 30' | 63° 01' |
| Charsadda | 34° 07' | 71° 45' | 55° 53' |
| Chashma Barrage | 32° 27' | 71° 20' | 57° 33' |
| Chenab | 30° 23' | 71° 02' | 59° 37' |
| Chilam Chavki | 35° 05' | 75° 05' | 54° 55' |

| <u>CITY/TOWN</u> | <u>LAT</u> | <u>LON</u> | <u>TILT AT</u> |
|------------------|------------|------------|----------------|
| Chilas | 35° 25' | 74° 05' | 54° 35' |
| Chiniot | 31° 45' | 73° 00' | 58° 15' |
| Chinji | 32° 42' | 72° 22' | 57° 18' |
| Chishtian Mandi | 29° 50' | 72° 55' | 60° 10' |
| Chitral | 35° 50' | 71° 56' | 54° 10' |
| Chor | 25° 31' | 69° 46' | 64° 29' |
| Chunian | 30° 57' | 74° 00' | 59° 03' |
| Dadhar | 29° 28' | 67° 39' | 60° 32' |
| Dadu | 26° 45' | 67° 45' | 63° 15' |
| Dalbandin | 29° 00' | 64° 23' | 61° 00' |
| Daraban | 31° 44' | 70° 20' | 58° 16' |
| Darband | 34° 20' | 72° 50' | 55° 40' |
| Dargai | 34° 25' | 71° 55' | 55° 35' |
| Darkhana | 30° 39' | 72° 11' | 59° 21' |
| Darkot Pass | 36° 45' | 73° 26' | 53° 15' |
| Darra Pezu | 32° 19' | 70° 44' | 57° 41' |
| Darya Khan | 31° 48' | 71° 06' | 58° 12' |
| Dasht | 25° 10' | 61° 40' | 64° 50' |
| Daska | 32° 20' | 74° 20' | 57° 40' |
| Dattakhel | 32° 54' | 69° 46' | 57° 06' |
| Daud Khel | 32° 53' | 71° 34' | 57° 07' |
| Degh | 31° 03' | 73° 21' | 58° 57' |
| Deosai Mts. | 35° 40' | 75° 00' | 54° 20' |
| Dera Ghazi Khan | 30° 05' | 70° 43' | 59° 55' |
| Dera Ismail Khan | 31° 50' | 70° 50' | 58° 10' |
| Derabugti | 29° 02' | 69° 09' | 60° 58' |
| Derawar Fort | 28° 46' | 71° 20' | 61° 14' |
| Dhak | 32° 25' | 72° 33' | 57° 35' |
| Dinga | 25° 26' | 67° 10' | 64° 34' |
| Dipalpur | 30° 40' | 73° 39' | 59° 20' |
| Diplo | 24° 35' | 69° 35' | 65° 25' |
| Dir | 35° 08' | 71° 59' | 54° 52' |
| Disteghil Sar | 36° 20' | 75° 12' | 53° 40' |
| Dobandi | 31° 13' | 66° 50' | 58° 47' |
| Dogran | 31° 48' | 73° 35' | 58° 12' |
| Dokri | 27° 25' | 68° 07' | 62° 35' |
| Dra Khel | 27° 58' | 66° 45' | 62° 02' |
| Duki | 30° 14' | 68° 25' | 59° 46' |
| Dullewala | 31° 50' | 71° 25' | 58° 10' |
| Eminabad | 32° 02' | 74° 08' | 57° 58' |
| Faisalabad | 31° 30' | 73° 05' | 58° 30' |
| Faqirwali | 29° 27' | 73° 00' | 60° 33' |
| Fazilpur | 29° 18' | 70° 29' | 60° 42' |
| Fort Abbas | 29° 12' | 72° 52' | 60° 48' |
| Gadap | 25° 05' | 67° 28' | 64° 55' |
| Gadra | 25° 40' | 70° 38' | 64° 20' |
| Gaj | 26° 26' | 67° 21' | 63° 34' |
| Gakuch | 36° 07' | 73° 45' | 53° 53' |
| Gambat | 27° 17' | 68° 26' | 62° 43' |
| Gamboli | 29° 53' | 68° 24' | 60° 07' |
| Gandava | 28° 32' | 67° 32' | 61° 28' |
| Gasherbrum | 35° 40' | 76° 40' | 54° 20' |



| <u>CITY/TOWN</u> | <u>LAT</u> | <u>Lon</u> | <u>TILT AT</u> |
|---------------------|------------|------------|----------------|
| Ghizar | 36° 15' | 73° 43' | 53° 45' |
| Ghotki | 28° 05' | 69° 21' | 61° 55' |
| G. Mohammad Barrage | 25° 30' | 68° 20' | 64° 30' |
| Gilgit | 35° 44' | 74° 37' | 54° 16' |
| Godwin Austen/K2 | 35° 58' | 76° 32' | 54° 02' |
| Gojra | 31° 10' | 72° 40' | 58° 50' |
| Gokurt | 29° 40' | 67° 26' | 60° 20' |
| Golra | 33° 37' | 72° 56' | 56° 23' |
| Gomal Pass | 31° 56' | 69° 20' | 58° 04' |
| Guddu Barrage | 28° 30' | 69° 50' | 61° 30' |
| Gujar Khan | 33° 16' | 73° 19' | 56° 44' |
| Gujranwala | 32° 10' | 74° 12' | 57° 50' |
| Gujrat | 32° 40' | 74° 02' | 57° 20' |
| Gulistan | 30° 30' | 66° 35' | 59° 30' |
| Gumal | 31° 40' | 71° 50' | 58° 20' |
| Gumbaz | 30° 02' | 69° 00' | 59° 58' |
| Gunjyal | 32° 20' | 71° 55' | 57° 40' |
| Gupis | 36° 15' | 73° 20' | 53° 45' |
| Gwadar | 25° 10' | 62° 18' | 64° 50' |
| Hab | 24° 53' | 66° 41' | 65° 07' |
| Hab Nadi Chauki | 25° 00' | 66° 50' | 65° 00' |
| Hadali | 32° 16' | 72° 11' | 57° 44' |
| Hafizabad | 32° 05' | 73° 40' | 57° 55' |
| Hala | 25° 43' | 68° 20' | 64° 17' |
| Harnai | 30° 06' | 67° 56' | 59° 54' |
| Harrand | 29° 28' | 70° 03' | 60° 32' |
| Harunabad | 29° 35' | 73° 08' | 60° 25' |
| Havelian | 34° 02' | 73° 10' | 55° 58' |
| Hindu Bagh | 30° 56' | 67° 50' | 59° 04' |
| Hindubagh | 30° 56' | 67° 57' | 59° 04' |
| Hundewali | 31° 55' | 72° 38' | 58° 05' |
| Hyderabad | 25° 23' | 68° 24' | 64° 37' |
| Indus | 24° 20' | 67° 47' | 65° 40' |
| Indus Mouths of the | 24° 00' | 68° 00' | 66° 00' |
| Isa Khel | 32° 41' | 71° 17' | 57° 19' |
| Ishkuman | 36° 30' | 73° 50' | 53° 30' |
| Islam Headworks | 29° 49' | 72° 33' | 60° 11' |
| Islamabad | 33° 40' | 73° 10' | 56° 20' |
| Islamgarh | 27° 51' | 70° 48' | 62° 09' |
| Islamkot | 24° 42' | 70° 13' | 65° 18' |
| Jacobabad | 28° 20' | 68° 29' | 61° 40' |
| Jalalpur Jattan | 32° 38' | 74° 11' | 57° 22' |
| Jalkot | 35° 14' | 73° 24' | 54° 46' |
| Jamesabad | 25° 17' | 69° 15' | 64° 43' |
| Jampur | 29° 39' | 70° 40' | 60° 21' |
| Jamrud | 33° 59' | 71° 24' | 56° 01' |
| Jand | 33° 30' | 72° 06' | 56° 30' |
| Jandola | 32° 20' | 70° 09' | 57° 40' |
| Jaranwala | 31° 15' | 73° 26' | 58° 45' |
| Jati | 24° 20' | 68° 19' | 65° 40' |
| Jhal | 28° 17' | 67° 27' | 61° 43' |
| Jhal Jhao | 26° 20' | 65° 35' | 63° 40' |

| <u>CITY/TOWN</u> | <u>LAT</u> | <u>Lon</u> | <u>TILT AT</u> |
|----------------------|------------|------------|----------------|
| Jhang Maghiana | 31° 15' | 72° 22' | 58° 45' |
| Jhelum | 33° 00' | 73° 45' | 57° 00' |
| Jhelum | 31° 20' | 72° 10' | 58° 40' |
| Jhudo | 24° 58' | 69° 18' | 65° 02' |
| Jinnah Barrage | 32° 58' | 71° 33' | 57° 02' |
| Jungshahi | 24° 52' | 67° 44' | 65° 08' |
| K2 | 35° 58' | 76° 32' | 54° 02' |
| Kabul | 33° 55' | 72° 14' | 56° 05' |
| Kahan | 29° 18' | 68° 54' | 60° 42' |
| Kahuta | 33° 35' | 73° 24' | 56° 25' |
| Kaitu | 33° 10' | 70° 30' | 56° 50' |
| Kalabagh | 33° 00' | 71° 28' | 57° 00' |
| Kalam | 35° 34' | 72° 30' | 54° 26' |
| Kalat | 29° 08' | 66° 31' | 60° 52' |
| Kalu | 25° 05' | 67° 39' | 64° 55' |
| Kamalia | 30° 44' | 72° 42' | 59° 16' |
| Kambar | 27° 37' | 68° 01' | 62° 23' |
| Kamoke | 32° 04' | 74° 04' | 57° 56' |
| Kandhkot | 28° 16' | 69° 08' | 61° 44' |
| Kandiaro | 27° 04' | 68° 13' | 62° 56' |
| Kanjut Sar | 36° 07' | 75° 25' | 53° 53' |
| Karachi | 24° 53' | 67° 00' | 65° 07' |
| Karakoram Ra. | 35° 30' | 77° 00' | 54° 30' |
| Karcha | 34° 45' | 76° 10' | 55° 15' |
| Karor | 31° 15' | 70° 59' | 58° 45' |
| Kashmor | 28° 28' | 69° 32' | 61° 32' |
| Kasur | 31° 05' | 74° 25' | 58° 55' |
| Keran | 34° 35' | 73° 59' | 55° 25' |
| Keti Bandar | 24° 08' | 67° 27' | 65° 52' |
| Khadro | 26° 11' | 68° 50' | 63° 49' |
| Khaipur | 29° 34' | 72° 17' | 60° 26' |
| Kharipur | 27° 32' | 68° 49' | 62° 28' |
| Khairpur Nathan Shah | 27° 06' | 67° 44' | 62° 54' |
| Khaisor | 31° 17' | 68° 59' | 58° 43' |
| Khajuri Kach | 32° 04' | 69° 51' | 57° 56' |
| Khanai | 30° 30' | 67° 08' | 59° 30' |
| Khanewal | 30° 20' | 71° 55' | 59° 40' |
| Khangah Deogran | 31° 50' | 73° 37' | 58° 10' |
| Khanozai | 30° 37' | 67° 19' | 59° 23' |
| Khanpur | 28° 42' | 70° 35' | 61° 18' |
| Khapalu | 35° 10' | 76° 20' | 54° 50' |
| Kharan Kalat | 28° 34' | 65° 21' | 61° 26' |
| Kharian | 32° 49' | 73° 52' | 57° 11' |
| Khewari | 26° 36' | 68° 52' | 63° 24' |
| Khost | 30° 13' | 67° 35' | 59° 47' |
| Khushab | 32° 20' | 72° 20' | 57° 40' |
| Khuzdar | 27° 52' | 66° 30' | 62° 08' |
| Kingri | 30° 27' | 69° 49' | 59° 33' |
| Kirthar Range | 27° 00' | 67° 00' | 63° 00' |
| Kishanganga | 34° 18' | 73° 28' | 55° 42' |
| Koh-i-Maran | 29° 18' | 66° 50' | 60° 42' |
| Kohat | 33° 40' | 71° 29' | 56° 20' |



| <u>CITY/TOWN</u> | <u>LAT</u> | <u>LON</u> | <u>TILT AT</u> |
|--------------------|------------|------------|----------------|
| Kohlu | 29° 54' | 69° 15' | 60° 06' |
| Kolachi | 27° 08' | 67° 02' | 62° 52' |
| Kot Addu | 30° 30' | 71° 00' | 59° 30' |
| Kot Moman | 32° 13' | 73° 00' | 57° 47' |
| Kot Sultan | 30° 46' | 70° 56' | 59° 14' |
| Kotiro | 26° 17' | 67° 13' | 63° 43' |
| Kotli | 33° 30' | 73° 55' | 56° 30' |
| Kotmul | 35° 32' | 75° 10' | 54° 28' |
| Kotri | 25° 22' | 68° 22' | 64° 38' |
| Kud | 26° 05' | 66° 20' | 63° 55' |
| Kuhan | 28° 19' | 67° 14' | 61° 41' |
| Kulachi | 31° 56' | 70° 27' | 58° 04' |
| Kundar | 31° 56' | 69° 19' | 58° 04' |
| Kundian | 32° 27' | 71° 28' | 57° 33' |
| Kunhar | 34° 20' | 73° 30' | 55° 40' |
| Kurram | 32° 36' | 71° 20' | 57° 24' |
| Lachi | 33° 25' | 71° 20' | 56° 35' |
| Lahore | 31° 32' | 74° 22' | 58° 28' |
| Lahri | 29° 11' | 68° 13' | 60° 49' |
| Lakaband | 31° 02' | 69° 15' | 58° 58' |
| Lakki | 32° 36' | 70° 55' | 57° 24' |
| Lala Musa | 32° 40' | 73° 57' | 57° 20' |
| Landi Kotal | 34° 07' | 71° 06' | 55° 53' |
| Larkana | 27° 32' | 68° 18' | 62° 28' |
| Leiah | 23° 54' | 21° 55' | 66° 06' |
| Liari | 25° 37' | 66° 30' | 64° 23' |
| Lodhran | 29° 32' | 71° 30' | 60° 28' |
| Lohri Wah | 27° 27' | 67° 37' | 62° 33' |
| Lora Hamun-I | 29° 38' | 64° 58' | 60° 22' |
| Loralai | 30° 20' | 68° 41' | 59° 40' |
| Lyalpur=Faisalabad | 31° 30' | 73° 05' | 58° 30' |
| Mach | 29° 50' | 67° 20' | 60° 10' |
| MahMud Kot | 30° 16' | 71° 00' | 59° 44' |
| Mailsi | 29° 48' | 72° 15' | 60° 12' |
| Makran Cost Range | 25° 40' | 64° 00' | 64° 20' |
| Malakand | 34° 40' | 71° 55' | 55° 20' |
| Manchhar L. | 26° 25' | 67° 39' | 63° 35' |
| Mandra | 33° 23' | 73° 12' | 56° 37' |
| Mandzai | 30° 55' | 67° 06' | 59° 05' |
| Mangla | 33° 07' | 73° 39' | 56° 53' |
| Mangla DaM | 33° 09' | 73° 44' | 56° 51' |
| Manjhand | 25° 50' | 68° 10' | 64° 10' |
| Mankera | 31° 23' | 71° 26' | 58° 37' |
| Manzai | 32° 12' | 70° 15' | 57° 48' |
| Mardan | 34° 20' | 72° 00' | 55° 40' |
| Mari Indus | 32° 57' | 71° 34' | 57° 03' |
| Masherbrum | 35° 38' | 76° 18' | 54° 22' |
| Mashki Chah | 29° 05' | 62° 30' | 60° 55' |
| Mastuj | 36° 20' | 72° 36' | 53° 40' |
| Mastung | 29° 50' | 66° 56' | 60° 10' |
| Matli | 25° 02' | 68° 39' | 64° 58' |
| Mawand | 29° 33' | 68° 38' | 60° 27' |

| <u>CITY/TOWN</u> | <u>LAT</u> | <u>LON</u> | <u>TILT AT</u> |
|---------------------|------------|------------|----------------|
| Mekhar | 30° 30' | 69° 15' | 59° 30' |
| Mianwali | 32° 38' | 71° 28' | 57° 22' |
| Mingteke Daban | 37° 00' | 74° 58' | 53° 00' |
| Mintaka Pass | 37° 00' | 74° 58' | 53° 00' |
| Miramshah | 33° 00' | 70° 02' | 57° 00' |
| Mirokhan | 27° 46' | 68° 06' | 62° 14' |
| Mirpur Batoro | 24° 44' | 68° 16' | 65° 16' |
| Mirpur Bibiwari | 28° 33' | 67° 44' | 61° 27' |
| Mirpur Khas | 25° 30' | 69° 00' | 64° 30' |
| mirpursakro | 24° 33' | 67° 41' | 65° 27' |
| Mitha Tiwana | 35° 13' | 72° 06' | 54° 47' |
| Mithi | 24° 44' | 69° 48' | 65° 16' |
| Mitharo | 27° 28' | 69° 40' | 62° 32' |
| Mohenjodaro | 27° 19' | 68° 07' | 62° 41' |
| Montgomery/Sahiwal | 30° 45' | 73° 08' | 59° 15' |
| Monze C. | 24° 47' | 66° 37' | 65° 13' |
| Moro | 26° 40' | 68° 00' | 63° 20' |
| Moro | 29° 42' | 67° 22' | 60° 18' |
| Mula | 27° 57' | 67° 36' | 62° 03' |
| Multan | 30° 15' | 71° 36' | 59° 45' |
| Murgha Kibzai | 30° 44' | 69° 25' | 59° 16' |
| Murree | 33° 56' | 73° 28' | 56° 04' |
| Musa Khel | 30° 59' | 69° 52' | 59° 01' |
| Muzaffarabad | 34° 25' | 73° 30' | 55° 35' |
| Muzaffargarh | 30° 05' | 71° 14' | 59° 55' |
| Muzafirpur | 30° 58' | 69° 09' | 59° 02' |
| Nabisar | 25° 08' | 69° 40' | 64° 52' |
| Nagar Parkar | 24° 28' | 70° 46' | 65° 32' |
| Nagir | 36° 12' | 74° 42' | 53° 48' |
| Nal | 27° 40' | 66° 12' | 62° 20' |
| Nal | 25° 20' | 65° 30' | 64° 40' |
| Nanga Prabat | 35° 10' | 74° 35' | 54° 50' |
| Nankana Sahib | 31° 27' | 73° 38' | 58° 33' |
| Nara Canal | 24° 30' | 69° 20' | 65° 30' |
| Nari | 28° 00' | 67° 40' | 62° 00' |
| Narowal | 32° 06' | 74° 52' | 57° 54' |
| Nasirabad | 28° 23' | 68° 24' | 61° 37' |
| Naushahra/Nowshera | 34° 00' | 72° 00' | 56° 00' |
| Naushahro | 26° 50' | 68° 07' | 63° 10' |
| Nawa Kot | 28° 21' | 71° 24' | 61° 39' |
| Nawab Khan | 30° 17' | 69° 12' | 59° 43' |
| Nawabshah | 26° 15' | 68° 25' | 63° 45' |
| Nok Kundi | 28° 50' | 62° 45' | 61° 10' |
| North West Frontier | 34° 00' | 72° 00' | 56° 00' |
| Norther Areas | 36° 30' | 73° 00' | 53° 30' |
| Nowshera | 34° 00' | 72° 00' | 56° 00' |
| Nurpur | 31° 53' | 71° 54' | 58° 07' |
| Nushki | 29° 35' | 66° 00' | 60° 25' |
| Ormara | 25° 16' | 64° 33' | 64° 44' |
| Pab Hills | 26° 30' | 66° 45' | 63° 30' |
| Pakpattan | 30° 25' | 73° 27' | 59° 35' |
| Palandri | 33° 42' | 73° 40' | 56° 18' |



| <u>CITY/TOWN</u> | <u>LAT</u> | <u>Lon</u> | <u>TILT AT</u> |
|------------------|------------|------------|----------------|
| Palas | 35° 04' | 73° 14' | 54° 56' |
| Panjgur | 27° 00' | 64° 05' | 63° 00' |
| Panjinad Barrage | 29° 22' | 71° 15' | 60° 38' |
| Panjinad | 28° 57' | 70° 30' | 61° 03' |
| Pano Akil | 27° 51' | 69° 07' | 62° 09' |
| Parachinar | 33° 55' | 70° 05' | 56° 05' |
| Pasni | 25° 15' | 63° 27' | 64° 45' |
| Pasrur | 32° 16' | 74° 43' | 57° 44' |
| Pattoki | 31° 05' | 73° 52' | 58° 55' |
| Peshawar | 34° 02' | 71° 37' | 55° 58' |
| Petaro | 25° 31' | 68° 18' | 64° 29' |
| Pindi Gheb | 33° 14' | 72° 21' | 56° 46' |
| Piplan | 32° 17' | 71° 21' | 57° 43' |
| Pishin | 30° 35' | 67° 00' | 59° 25' |
| Pishin Lora | 29° 09' | 64° 05' | 60° 51' |
| Pithoro | 25° 31' | 69° 23' | 64° 29' |
| Porali | 25° 58' | 66° 26' | 64° 02' |
| Punch | 33° 12' | 73° 40' | 56° 48' |
| Punjab | 32° 00' | 72° 30' | 58° 00' |
| Qala Viala | 30° 49' | 67° 17' | 59° 11' |
| Qamruddin Karez | 31° 45' | 68° 20' | 58° 15' |
| Qila Safed | 29° 00' | 61° 30' | 61° 00' |
| Qila Saifullah | 30° 45' | 68° 17' | 59° 15' |
| Quetta | 30° 15' | 66° 55' | 59° 45' |
| Rahimyar Khan | 28° 30' | 70° 25' | 61° 30' |
| Rajanpur | 29° 00' | 70° 19' | 61° 00' |
| Rakaposhi | 36° 10' | 74° 25' | 53° 50' |
| Rakhni | 30° 04' | 69° 56' | 59° 56' |
| Rakhni | 29° 31' | 69° 36' | 60° 29' |
| Ranahu | 25° 55' | 69° 45' | 64° 05' |
| Rasul | 32° 42' | 73° 34' | 57° 18' |
| Ratodero | 27° 48' | 68° 18' | 62° 12' |
| Ravi | 30° 35' | 71° 49' | 59° 25' |
| Rawalpindi | 33° 40' | 44° 30' | 56° 20' |
| Razmak | 32° 45' | 69° 50' | 57° 15' |
| Rechna Doab | 31° 35' | 73° 30' | 58° 25' |
| Reti | 28° 05' | 69° 48' | 61° 55' |
| Rod | 28° 10' | 63° 05' | 61° 50' |
| Rohri | 27° 45' | 68° 51' | 62° 15' |
| Rohri Canal | 26° 15' | 68° 27' | 63° 45' |
| Ruk | 27° 50' | 68° 42' | 62° 10' |
| Rukhla | 32° 27' | 71° 57' | 57° 33' |
| Rustam | 34° 25' | 72° 13' | 55° 35' |
| Sahiwal | 30° 45' | 73° 08' | 59° 15' |
| Saidu | 34° 43' | 72° 24' | 55° 17' |
| Saiyid | 33° 07' | 73° 02' | 56° 53' |
| Sakrand | 26° 10' | 68° 15' | 63° 50' |
| Salt Range | 32° 30' | 72° 25' | 57° 30' |
| Samwari | 28° 30' | 66° 46' | 61° 30' |
| Sangarh | 30° 43' | 70° 44' | 59° 17' |
| Sanghar | 26° 02' | 68° 57' | 63° 58' |
| Sangla | 31° 43' | 73° 23' | 58° 17' |

| <u>CITY/TOWN</u> | <u>LAT</u> | <u>Lon</u> | <u>TILT AT</u> |
|------------------|------------|------------|----------------|
| Sanjawi | 30° 17' | 68° 21' | 59° 43' |
| Sargodha | 32° 10' | 72° 40' | 57° 50' |
| Sariab | 30° 06' | 66° 59' | 59° 54' |
| Saruna | 26° 31' | 67° 07' | 63° 29' |
| Sazin | 35° 35' | 73° 30' | 54° 25' |
| Sehwan | 29° 28' | 67° 53' | 60° 32' |
| Sind | 26° 00' | 68° 30' | 64° 00' |
| Sind | 26° 00' | 69° 00' | 64° 00' |
| Soan | 33° 01' | 71° 44' | 56° 59' |
| Sorah | 27° 13' | 68° 56' | 62° 47' |
| Spezand | 29° 59' | 67° 00' | 60° 01' |
| Spezand | 29° 59' | 67° 00' | 60° 01' |
| Surab | 28° 25' | 66° 15' | 61° 35' |
| Sutranahu | 26° 22' | 70° 00' | 63° 38' |
| Swar | 34° 40' | 72° 05' | 55° 20' |
| Talli | 29° 32' | 68° 08' | 60° 28' |
| Tando Adam | 25° 45' | 68° 40' | 64° 15' |
| Tank | 32° 14' | 70° 25' | 57° 46' |
| Taunsa | 30° 42' | 70° 39' | 59° 18' |
| Taxila | 33° 42' | 72° 52' | 56° 18' |
| Thal | 33° 28' | 70° 33' | 56° 32' |
| Thal Desert | 31° 10' | 71° 30' | 58° 50' |
| Thano Bula Khan | 25° 22' | 67° 50' | 64° 38' |
| Tirich Mir | 36° 15' | 71° 55' | 53° 45' |
| Tithwal | 34° 21' | 73° 50' | 55° 39' |
| Toba Kakar | 31° 30' | 69° 00' | 58° 30' |
| Toba Tek Singh | 30° 55' | 72° 25' | 59° 05' |
| Tochi | 32° 49' | 70° 41' | 57° 11' |
| Tratani | 29° 19' | 68° 20' | 60° 41' |
| Tribal Areas | 33° 00' | 70° 00' | 57° 00' |
| Tump | 26° 07' | 62° 16' | 63° 53' |
| Ubauro | 28° 15' | 69° 45' | 61° 45' |
| Umerkot | 25° 15' | 69° 40' | 64° 45' |
| Vihowa | 31° 08' | 70° 30' | 58° 52' |
| Vihowa | 31° 08' | 70° 41' | 58° 52' |
| Virawah | 24° 31' | 70° 46' | 65° 29' |
| Wana | 32° 20' | 69° 32' | 57° 40' |
| Wandhari | 27° 42' | 66° 48' | 62° 18' |
| Warsak Dam | 34° 11' | 71° 19' | 55° 49' |
| Wazirabad | 32° 30' | 74° 08' | 57° 30' |
| Yarkhun | 36° 17' | 72° 30' | 53° 43' |
| Yasin | 36° 24' | 73° 23' | 53° 36' |
| Yazman | 29° 08' | 71° 45' | 60° 52' |
| Zhob | 32° 04' | 69° 50' | 57° 56' |
| Ziarat | 30° 25' | 67° 49' | 59° 35' |

NOTES:

1. ALL LATTITUDES ARE "NORTH", LONGITUDES ARE "EAST"
2. ALL TILT ANGLES ARE FROM VERTICAL ORIENTATION
3. TITLE ANGLE IS CALCULATED FROM (90° - LATTITUDE)