

ROUTES

IN THE

WESTERN-HIMALAYAS, KASHMIR, &c.

BY

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Deputy Supdt. Great Trigonometrical Survey of India.

WITH ADDITIONS FROM

MAJOR C. E. BATES'S GAZETTEER

AND OTHER SOURCES.



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ROUTES

IN THE

WESTERN-HIMALAYAS, KASHMIR, &c.

By Lieut.-Colonel T. G. Montgomerie, R.E., F.R.S., F.R.G.S., with additions from Major C. E. Bates's Gazetteer and other sources.

NO. 1. ABBOTABAD TO CHILAS; BY KHAGAN.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Abbotabad to Mansera, D.B. ...	16	4,010	Carriage road. Supplies. Shady encamping ground.
2	Garhi, D.B. ...	19	2,920	
3	Balakot, ...	13	3,650	Cross the Koonhar twice by bridges, the last village.
4	Kawai, ...	12		
5	Jarid, ...	14		
6	Khagan, ...	15	6,610	
7	Narang, ...	14		
8	Burawaie, ...	13		Lake. Cross pass about same height as lake.
9	Waitar, ...	12		
10	Lolúsar, ...	9	11,070	
11	Chilas, ...	15		
	Total, ...	152		

NO. 2. AMBALLA TO SIMLA; BY CART ROAD.

	Amballa to			{ Bussi Dák Bungalow at 18 miles; Ghugur river at 23 miles. Hotels &c., cart road hence to Simla. Dák Bungalow and small camping ground. Do. do. do. Do. but no camping ground. Church, Hotels &c. Horse dák to Kalka, thence by ponies, Jhampán or Tonga.
4	Kalka, ...	37		
5	Dharmpúr, ...	15		
6	Solon, ...	12		
7	Kairighat, ...	15		
8	Simla, ...	16		
	Total, ...	95		

NO. 3. AMBALLA TO SIMLA; BY OLD ROAD.

	Amballa to			As in No. 2. Dák Bungalow. Hotel and Dák Bungalows. Two Dák Bungalows, cross the Gumbur River by bridge. Dák Bungalow. Hotels &c.
4	Kalka, ...	37		
5	Kasaoli, ...	9		
6	Kakar Hutti, ...	12		
	Haripur, ...	2		
7	Sairi, ...	9		
8	Simla, ...	11		
	Total, ...	80		

NOTE.—D.B. indicates Dák Bungalow.

8 *Routes in the* WESTERN-HIMALAYAS, KASHMIR, &c.

NO. 4. AMRITSAR TO PUTHANKOT; BY GOORDASPOOR.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	REMARKS.
1	Amritsar to Kathunangal, ...	12	Serai, a metalled road throughout.
2	Batala, ...	12	Do. rooms for Europeans and servants.
3	Bidipur, ...	10	
4	Goordaspoor, ...	10	Dák Bungulow.
5	Adeenagar, ...	8	Do.
	Do. Encamping ground, ...	3	
6	Puthankot, ...	12	Hotel and Serai with rooms for Europeans and servants.
	Total, ...	67	About 10 hours by horse dák.

NO. 5. ASTOR TO GILGIT; BY BOONJI.

1	Astor to Dashkin, ...	14½	Pass Harcho village at 8 miles.
2	Duina, ...	12	Road along hill side about Astor R.
3	Boonji Fort, ...	17	Ascent to Hatu Pir Pass; difficult for laden animals, then steep descent to Rámghát where the Astor river is bridged, over which road goes. The fort is garrisoned by Kashmir troops.
4	Minor, ...	23	Village. Cross to Right bank of Indus by Ferry, then continue up Sai Valley. Pass several villages and cross to the Gilgit Valley.
5	Gilgit Fort, ...	8	Garrisoned by Kashmir troops.
	Total, ...	74½	Town of about 200 houses and is 5,025 feet above the sea.

Road practicable throughout for laden animals.

NO. 6. BADRAWAR TO KISHTWAR.

1	Badrawar to Jaora, ...	17	Road by Siwardhar in summer, another by Jagud.
2	Joslmi, ...	14	
3	Kishtwar, ..	15	Road bad in places.
	Total, ...	46	

NO. 7. BADRAWAR TO MADHOPUR; BY BASAOLI.

1	Badrawar to Top of Chatardar pass, ...	14	No huts, but wood and water in abundance: pass 10,100 feet.
2	Loang, ...	16	Village on Siawa R.
3	Hartli, ...	8	
4	Food, ...	14	Cross the Ramrutchun or Chara ridge.
5	Basaoli, ...	13	Encamp on bank of tank, opposite Rajah's palace.
6	Thain fort, ...	12	Cross the Ravee R. by ferry, to L. bank.
7	Madhopúr, ...	15	
	Total, ...	92	

NO. 8 BARAMGALLI TO SRINAGAR (KASHMIR); BY THE CHOTI GALLI PASS AND KACHGAL RIVER.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	REMARKS.
1	Baramgalli to Hilloh, ...	10	No supplies. Good grazing ground.
2	Kachgal River,	12	Good grazing ground. Wood and water abundant. Cross Choti Galli Pass 14,090 feet, easy to ascend; two roads lead from pass, easy for laden animals.
3	Pakpúra, ...	11	{ Good sized Village. Grass and food procurable.
4	Khanpúr, ...	10	{ Road good for laden ponies.
5	Srinagar, ...	13	Pass Chrár bazar. Road good.
Total, ...		56	

It is stated that this is one of the most accessible entrances into Kashmir and practicable throughout for laden animals.

NO. 9. BHIMBER TO SRINAGAR (KASHMIR); BY KOTLI AND POONCH.

1	Bhimber to Saidabad, *	15	Cross the Adatak range near Sumani, very steep ascent.
2	Dharmśál, ...	24	Dharmśála. Supplies in small quantities, but precarious. The Castle of Kambír seen <i>en route</i> .
3	Koireta, ...	10	Village on high bank of Ban stream near two Baradarics. Within about 1½ miles of village two roads branch; take right hand one. Road very good.
4	Dhuna, ...	10	Village. Supplies in small quantities. Fine fish may be had here, caught from the Ban river.
5	Kotli, ...	8	Large village. Supplies plentiful. Baradari. 4th and 5th marches can easily be made into one march.
6	Saira, ...	14	Village. Road somewhat difficult. Supplies not to be calculated on. Half-way, pass village of Sambri with spring of water.
7	Poonch, D.B. ...	16	Supplies procurable. Road not so difficult as on last march.
14	Srinagar, ...	88	Vide Route No. 23.
Total, ...		185	

NO. 10. BHIMBER TO SRINAGAR (KASHMIR); BY RAJAORI AND THE PIR PUNJAL PASS.

1	Bhimber to Saidabad, *	15	See No. 9.
2	Naoshera, *	12½	Baradari in garden near river.
3	Changas Serai, *	13½	In ruins.
4	Rajaori, *	15	
5	Thanna, *	14	Road good; cross one large stream.
6	Baramgalli, *	10	Cross the Ratan Pir about 8,200 ft. above the sea.
7	Poshiani, *	10	Up a ravine, crossing & recrossing river by 20 to 30 bridges, encamping in ravine 1½ miles East of vil.
8	Aliabad Serai, *	11	Cross the Pir Punjal 11,400 ft. above the sea.
9	Dubchi, *	9	Sheds in forest. In marching to Kashmir a traveller could go from Aliabad
10	Hirpura, ...	5	Serai & Village. either to Hirpura or Shapiyon.
11	Shapiyon, *	6	Baradari near vil. In returning from Kashmir,
12	Khanpur, ...	16	Shapiyon to Dubchi & thence
13	Srinagar, ...	13	to Poshiani might be preferable according to weather.
Total, ...		150	

* At places so marked, rest-houses have been erected, and carriage and coolies are arranged for by contractors.

10 *Routes in the WESTERN-HIMALAYAS, KASHMIR, &c.*

NO. 11. CHINI TO SPITI (DANKAR); BY THE SUTLEJ AND PARA RIVERS.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Chini to Gaiarra, ...	13		
	Werung pass,		12,400	
	Tubbi, ...	12	11,720	Supplies and coolies from Kanura.
	Roonung pass,		13,400	
	Sungnum, ...	10	9,020	
	Hangarung pass,		14,710	
	Hangú, ...	12	11,500	
	Lio, ...	9	9,600	
	Nakú, ...	6	12,000	Cross the Spiti River.
	Chango, ...	8		
	Lapeha Ghati,		13,628	
	Somra, ...	14		Recross the Spiti River, Shalkar 10,300.
	Tabo, ...	9		A Buddhist Monastery.
	Pokh, ...	7		
	Dankar, ...	9	12,774	Fort, Monastery and large village.
	Total, ...	109		

NO. 12. DALHOUSIE TO CHAMBA; BY CHEEL.

	Dalhousie by Cheel to ...			
	Chamba, ...	22		Bungalow to be built.
	Total, ...	22		By lower road, Dák Bungalow. Supplies plentiful.

NO. 13. DALHOUSIE TO CHAMBA; BY UPPER ROAD.

	Dalhousie to Kajear, ...	11	6,000	Dák Bungalow. The road crosses Batrí Galli and passes through the Kala Top forest; very steep descent to Chamba.
	Chamba D.B. ...	7	3,033	Supplies plentiful.
	Total, ...	18		

NO. 14. DALHOUSIE TO DHARMSALA; BY CHUARI.

1	Dalhousie to Chuari, ...	16		The best road to Chuari leaves the Puthankot road at the slate quarries; the road by Dain Kund is steep.
2	Rapir, ...	7		
3	Sihanta, ...	9		
4	Shahpur, ...	12		Encamping ground.
5	Dharmsala, ...	11		Dák Bungalow.
	Total, ...	55		

NO. 15. GURAIS TO ASTOR; BY THE DORUS SHINGAR STREAM.

No. of Marches.	Names of Halting Places.	Estimated distance.	REMARKS.
		Koss.	
	Gurnis to		
1	Bangla, ...	5	A chowky.
2	Gatúmi, ...	5	A plain. Water and fuel obtainable.
3	... , ...	5	The ruins of an old building. Wood and water procurable. Cross the range.
4	... , ...	5	Fuel obtainable. A bridge over the stream.
5	... , ...	5	A fort with a small garrison and two or three houses.
6	Chugám and	5	Two small villages. Pass Púkar Kot, and a large river, the Mir Malik ka nalla, by a bridge.
7	Mantsi, ...	5	A village of twelve houses. Cross the Jubár-ki Pir; the ascent is not difficult.
8	Gúrúkot, ...	5	Village and fort.
	Astor, ...	5	
	Total, ...	40	

Abundance of grass is found on this route which is short and easy, and to be preferred when the floods have subsided.

NO. 16. GURAIS TO MOZAFERABAD; BY THE KISHENGUNGA VALLEY.

		Miles.	
1	Gurnis to Bakthoor, ...	15	[camp.
2	Geshart, ...	4	No supplies. Fuel and water procurable just below
3	Dúdi, ...	7	Long ascent to ridge and steep descent on other side to Hanti stream; then steep ascent up to Naoshera mountain. Abundance of firewood.
4	Matsil, ..	9	A village. Small supplies procurable. Cross torrent called Tsandan Khol.
5	Thien, ...	13	Village at junction of Kretsinar and Zemindhar Khan stream. Coolies and supplies procurable from village of Kroras 1 mile further down the valley. Some halt at Nonawine said to be the usual stage.
6	Camp, ...	6	In open forest about 1,800 ft. above Thien.
7	Moktah Malik-ka Kothi, ...	10	Steady ascent of about 3,000 ft. and then descent of about 2,800 feet.
8	Shardi Fort, ...	11	On left bank of Kishengunga River. Supplies procurable. Cross a pass about 5,000 ft. above level of Shardi.
9	Dúdnial, ...	12	A hamlet. Road leads over the Kishengunga River by the zampa (suspension bridge).
10	Tali Lohát, ...	12	Path in many places very narrow, carried along face of hill by galleries of timber and steps. Scanty supply of grain procurable. A somewhat long and fatiguing march.
11	Lalla, ...	9	Supplies procurable. Road in parts along the Kishengunga River. Cross the Babun-ka-katta stream by a bridge.
12	Darral, ...	8	A village. Very scanty supplies procurable. Encamping ground on bank of Kishengunga River.
13	Baran, ...	10	A village on bank of Kishengunga River. Supplies procurable. Road stony. A road leads hence to Mozaferabad by way of Titwal.
14	Chowgalli, ...	6	Supplies not procurable.
15	Balagran, ...	8	Supplies are procurable. Cross a pass from which the Chúng peak is seen to rise to a great height. Steep descent from the pass.
16	Mandal, ...	11	A village on the left bank of the Pakoti stream. Supplies procurable. Cross a considerable stream, the Urshi, by a bridge.
17	Mozferabad, ...	12	Baradari. Pass the town of Kúri. March long and hot but may be broken at Kúri.
	Total, ...	163	

12 Routes in the WESTERN-HIMALAYAS, KASHMIR, &c.

NO. 17. GURAIS TO TILAIL.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
X 1	Gurais to Zadgai, ...	16		Cross branch of Kishengunga by wooden bridge. Cross Chakbut pass. Thana; thence to Dras 4 marches=45 miles by Kou bul pass.
2	Bulgani, ...	8		
3	Tilail (Budab),...	12		
	Total, ...	36		

NO. 18. HASAN ABDAL TO SRINAGAR (KASHMIR); BY MOZAFERABAD.

1	Hasan Abdal to Hurripur, ...	19		Can halt at Chamba after 10 miles. Carriage road. Garhi to Khagan 4 marches = 51 miles; cross the Nainsookh R. near Garhi by trussed bridge and the Kishengunga by boat, or by a rope bridge. Road fair. Supplies abundant. Good road. Supplies procurable. Road rather rough. Supplies procurable. Do. do. Do. do. Steep ascent and descent. Bungalow. Road rather rough. Supplies procurable. Bungalow. Road good. Dak Bungalow. Do. Supplies procurable. Do.
2	Abbotabad, ...	22		
3	Mansera, ...	16		
4	Garhi, D.B.	16		
5	Mozaferebad, ,,	10		
6	Iluttian, ,,	17		
7	Kanda, ,,	11		
8	Kathai, ...	12		
9	Shahdera, ...	12		
10	Gingl, ...	12		
11	Baramula, ...	19		
12	Patan, ...	14		
13	Srinagar, ...	17		
	Total, ...	197		

NO. 19. HOSHIARPOOR TO KANGRA AND DHARAMSALA.

1	Hoshiarpoor to Gugret, ...	16	1,066	Jalundhar to Hoshiarpoor 23 miles, about 4 hours by horse dak: dooly dak must be used for the remainder. Dak Bungalow and Encamping ground. Dak Bungalow (Session's house). Encamping ground. Dak Bungalow. Cross Beas by bridge of boats Do. fort, civil station &c. Cantonment at miles from Kangra. Dak Bungalow, cart road all the way.
2	Pharwain, ...	12		
3	Gopálpur Dehra,	16		
4	Kangra, ...	14	2,419	
	Bhagsu, ...		4,058	
5	Dharamsala, ...	16	6,111	
	Total, ...	74		

NO. 20. INSHIN (IN MARU WARDWAN) TO ISLAMABAD; BY THE RIAL PAWAS PASS.

1	Inshin to Pihilkan, ...	5		(Encamping ground. Cross Wardwan River by bridge. A few juniper bushes for fuel. Village. Cross the Rial Pawas Pass, impracticable for laden animals. Village. Pass several villages en route. Supplies procurable. A large village. Pass several villages en route. Town. Road good.
2	Timmeran, ...	8		
3	Tserpura, ..	8		
4	Achibal, ...	8		
5	Islamabad, ...	6		
	Total, ...	35		

NO. 21. ISLAMABAD TO AMRNATH.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	REMARKS.
1	Islamabad to Eishmakan, ...	12	Supplies procurable; road broad and level.
2	Pulgam, ...	12	Scanty supplies; good road through forest, almost level. Pass Ganeshbal.
3	Chandanwara, ...	8	No supplies; road narrow and in places rather rough.
4	Shísha Nág, ...	7	Scanty supply of fuel from juniper bushes. Ascent (steep) beginning 1 mile from last stage.
5	Panjtarni, ...	8	Gradual ascent. A short and easy march; five shallow streams have to be crossed.
6	Amrnáth, ...	3	Place of pilgrimage (cave). Steep ascent to Byronáth pillar, and descent to caves very steep.
	Total, ...	50	

NO. 22. JALUNDHAR TO PUTHANKOT; BY DASOHAH.

1	Jalundhar to Kala Bakra, ...	14	
2	Tandah, ...	15	Cross Beyn twice, ford or ferry, an unmade road.
3	Dasohah, ...	13	Serai.
4	Mokerian, ...	13	Dák Bungalow.
5	Mirthal, ...	15	
6	Puthankot, ...	12	Ferry across Beas at Mirthal. Dooly dák can be laid.
	Total, ...	82	

NO. 23. JHELAM TO SRINAGAR (KASHMIR); BY MIRPUR.

1	Jhelam to Chainchi, ...	11	Ferry of Katiali. Cross the R. Jhelam.
2	Mirpúr, ...	11	
3	Chaomúk, ...	10	Supplies scarce.
4	Biari, ...	7	
5	Sensar, ...	14	Supplies procurable.
6	Kotli, ...	15	Baradari. Supplies plentiful.
7	Saira, ...	14	Supplies procurable.
8	Poonch, D.B. ...	16	Do.
9	Kahuta, ,, ...	9	Cross a river. Supplies procurable.
10	Aliabad, ,, ...	8	Supplies and coolies scarce.
11	Uri, ,, ...	17	Cross the Haji Pir pass 8,500 ft. above the Sea. Supplies plentiful.
12	Naoshera, ,, ...	14	Supplies procurable.
13	Baramula, ,, ...	9	Do.
14	Patan, ,, ...	14	Road good. Supplies procurable.
15	Srinagar, ...	17	Do.
	Total, ...	186	In returning from Kashmir, it would be preferable to go from Uri to Hydrabad Serai and thence to Aliabad or Kahuta.

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NO. 24. JHELAM TO SRINAGAR (KASHMIR); BY POONCH.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Jhelam to Dúliál, ...	14		Road good. Supplies procurable. Ferry. Supplies scarce. There is a direct path to Kotli, difficult and not fit for laden ponies. Supplies scarce. See No. 23.
2	Tangrot, ...	14		
3	Chaomúk, ...	10		
15	Srinagar, ...	154		
	Total, ...	192		

NO. 25. JAMOO TO PUTHANKOT; BY JASROTA.

1	Jamoo to Ishmailpúr, ...	11		Hotel and Serai. See No. 4.
2	Samba, ...	13		
3	Aleh, ...	12		
4	Jasrota, ...	12		
5	Kuttoah, ...	12		
6	Puthankot, ...	12		
	Total, ...	72		

NO. 26. KANGRA TO KULU; BY THE BUBU PASS.

1	Kangra to Nagrota, ...	10	10,000?	Dák Bungalow and Encamping ground. Bungalow, Mundi Raja's. Do. do. Do. do. Do. do. Capital of Kulu. Encamping ground.
2	Bawaneh, ...	10		
3	Bajjnath, ...	10		
4	Dalu, ...	12		
5	Jutingri, ...	14		
6	Budwani, ...	15		
	Bubu pass, ...			
7	Karaun, ...	10		
8	Súltanpúr, ...	10		
	Total, ...	91		

NO. 27. KANGRA TO KULU; BY THE DULCHI PASS. (OLD ROUTE).

4	Kangra to Dalu, ...	42	6,000?	As in Route No. 26. Dák Bungalow. Encamping ground.	
5	Fatakal, ...	15			
6	Jagrú Kuprú, ...	12			
7	Komiand, ...	7			
	Dulchi pass, ...				
8	Bajnora, ...	14			
9	Súltanpúr, ...	10			
	Total, ...	100			

NO. 28. KANZLWAN (N. OF WULAR LAKE) TO ASTOR; BY BARZIL AND MARMAI.

No. of Marches.	Names of Halting Places.	Estimated distance.	Height above sea level in feet.	REMARKS.
	Kanzlwan to	Koss	7,400	A village in Gurais on left bank of the Kishengunga River.
1	Gugai, ...	6	10,740	Pass Thaobat village.
2	Barzil, ...	4		No village, a chowky.
3	Raat, ...	4		
4	Marmai, ...	5		A small village.
5	Chugam and Maitsi, ...	6		About 30 houses in two villages. See No. 15.
6	Gúrikot, ...	5		A village of 20 houses.
7	Astor, ...	3	7,852	See No. 15.
	Total, ...	33		

This road is said to possess many advantages over that by the Dorikhun Pass and is shorter by about 16 Koss. It would however be necessary to repair 5 or 6 bridges over the stream called Gugai.

NO. 29. KISHTWAR TO LAHAUL; BY THE CHANDRA BHAGA RIVER.

	Kishtwar to	Miles	5,000	
1	Bagra, ...	12		Hardly any supplies.
2	Pyas, ...	9		Road bad, no supplies.
3	Sidruri, ...	7		Do. do
4	Seri or Sireri, ...	7		Do. very bad, no supplies.
5	Jhar, ...	10		Supplies to be had. Snowy mountains close on both sides of river.
6	Golabgarh, ...	4		Small fort. Road by Padar and Zaskar leads from hence to Leh.
7	Sole, ...	6		Supplies procurable.
8	Ashdari, ...	12		Impassable for ponies.
9	Darwas, ...	10	8,429	Government Store House, huts for about 100 men.
10	Kilar, ...	7		Supplies procurable.
11	Sauch, ...	11	7,886	Do. do. Road not fit for ponies; rope bridge.
12	Korai, ...	9		
13	Shor, ...	8		
14	Tindi, ...	12		
15	Margraon, ...	13		Coolies and supplies procurable.
16	Triloknath, ...	9	9,566	Do. do. Temple visited by many pilgrims.
17	Jarna, ...	11		Supplies scanty. Cross Chandra Bhaga.
18	Tandi, ...	11		Supplies and coolies procurable.
19	Kailing, ...	8		
20	Kulang, ...	10		
	Total, ...	186		

16 *Routes in the WESTERN-HIMALAYAS, KASHMIR, &c.*

NO. 30. KISHTWAR TO LAHAUL; BY THE GARDHAR PASS.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
11	Kishtwar to Sauch, ...	95	7,886	See No. 29.
12	Lechú, ...	10		Hardly any supplies.
13	Bataor, ...	8		No supplies. Road easy.
14	Leias, ...	7		Do. and no fuel. Road easy.
15	Gardhar Pass, Chirpat, ...	16	18,000	Cross 3 miles of glacier and pass. No supplies.
16	Miyar, ...	6	10,215	No supplies. Easy road.
17	Oodupúr, ...	12		Very bad road. Supplies scanty.
18	Triloknath, ...	4	9,566	Temple. Supplies abundant. Road good
22	Kulang, ...	40		See No. 29.
	Total, ...	198		

NO. 31. KISHTWAR TO WARDWAN.

1	Kishtwar to Phalma, ...	6		Cross Chandra Bhaga R. by rope bridge; encamp near stream, as water near last houses is bad.
2	Ekuli, ...	14		2 houses here; road bad.
3	Sanger, ...	16		In Dutchen; road very bad, not practicable for ponies.
4	Hanja, ...	15		Road when river is low along the bank bad; but shorter upper road much worse: cross Wardwan R. to L. B. near Zand.
5	Petgam, ...	13		Road better, a few bad places, not practicable for ponies, cross R. to L. B. Petgam is in Maru.
6	Camp (in Jungul),	11		Road good; encamp on level spot on L. B.
7	Inshin, ...	9		Do. bridge here. No supplies.
	Total, ...	84		

NO. 32. LANDOUR TO GANGAOTRI, AND ON TO GLACIER; BY OLD ROAD.

1	Landour to Phedi, ...	11		Reckoning from the Landour Hospital.
2	Balah, ...	12		Along the Aglár R.
3	Lalúri, ...	12		Cross Nágtibba range.
4	Thona, ...	10		Reach Ganges R.
5	Dhúnda, ...	12		
6	Barahath, ...	12		A bridge leads to Kidarnath.
7	Moneri, ...	11		
8	Batwari, ...	12		Hill-shoes can be procured here.
9	Tiara or Elga, ...	12		
10	Danguli, ...	11		
11	Súki or Jalah, ...	14		Crossing the Kaparghāti by ladders &c., at Maicha.
12	Derali, ...	10		Cross the Ganges by bridge.
13	Bairamghati, ...	9		The Nilung R. here joins the Ganges.
14	Gangaotri, ...	9		Temple. Very bad road, over ladders, scaffolds &c.
15	Camp, ...	10		No made path to foot of glacier, which is 6 miles from camp.
	Total, ...	167		

Routes in the WESTERN-HIMALAYAS, KASHMIR, &c. 17

NO. 33. LEH TO CHANGCHENMO ; BY CHANGLA.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Leh to		11,532	
1	Tikzay, ...	10	11,000	Village on the river Indus.
2	Chimray, ...	15	12,000	Village and Monastery.
	Sakti, ...		13,500	Village.
3	Zingral, ...	8	15,800	Site of a deserted village.
	Changla Pass,		18,000	Gradual ascent and descent.
4	Tsúltak, ...	8	16,000	North of small tarn.
5	Tankse, ...	14	13,000	Village, supply depôt, the last one that can be relied on towards Changchenmo.
6	Muglib, ...	8	13,400	A small village.
7	Lúkúng, ...	14	14,000	North end of Pangong Lake. Road sandy.
8	Chugra, ...	8	15,000	Over gravelly ridges. Tartar camp.
	Marsemik-La,		18,400	Grass, very stiff ascent for last 2 miles, [descent easy.
9	Rimdi, ...	13	17,500	
10	Panzal, ...	13	14,800	In Changchenmo valley.
11	Kiam, ...	11	15,400	Do. Hot springs.
	Total, ...	122		

NO. 34. LEH TO LOSAR (IN SPITI).

	Leh to		11,532	
12	Zingzingbar, ...	182		See No. 38 (12 marches).
13	Topoh, ...	11		
14	Topoh, ...	9		
15	Chandra Dal ...	14		
16	Titi (in Spiti),	9		
17	Losar, ...	8	13,395	
	Total, ...	233		

NO. 35. LEH TO SHAHDULA ; BY CHANGCHENMO.

	Leh to			
10	Panzal, ...	111	14,800	As in No. 33.
11	Gogra, ...	13	15,600	Ford. The Changchenmo river should be crossed early in the morning.
12	Camp Shummal	12	17,000	Pass hot springs ; little fuel and grass to be had.
	Lungpa, ...		19,300	Easy slopes.
	Chang Lang Bur-			
	ma Pass, ...			
13	Nischú, ...	14	18,600	In Lingzi-thung plain ; no fuel and no grass.
14	Camp, ...	17	17,700	A little fuel but no grass ; muddy water only can be got by digging holes.
15	Lokzang, ...	22	16,400	A very trying march. Little water, fuel and grass are to be found.
16	Thaldat, ...	15	15,900	A frozen lake ; scarcely any fuel, and very little grass about a mile away. Over undulating desert plains.
17	Patsalung, ...	15	15,300	Over open plain ; a little grass, and water to be got by digging.
18	Camp, ...	14	15,500	Grass, water to be got by digging.
	Kataidawan Pass,		17,500	A very gradual ascent. [and grass.
19	Camp, ...	24	14,000	Below Brangsa on Karakash river ; fuel
20	Kafir-Darah, ...	20	13,500	} Along Karakash river ; grass and fuel.
21	Camp, ...	18	13,000	
22	Kyang Maidan,	14	12,900	
23	Gúlbasher, ...	18	12,400	
24	Búlakchi, ...	10	12,300	
25	Shahdúla, ...	13	11,800	Do. do. cross the Karakash river.
	Total, ...	350		Do. do. ford dangerous in summer.

18 Routes in the WESTERN-HIMALAYAS, KASHMIR, &c.

NO. 36. LEH TO SHAHDULA; BY PROPOSED VARIATION OF ROUTE VIA CHANGCHENMO.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
10	Leh to Pamzal, ..	111	14,800	As in No. 33. [crossed early in the morning. Ford. The Changchenmo river should be
11	Gogra, ...	13	15,600	
13	{ Camp Pang-tong S. of Changchenmo range, Changlung Pass,	20	17,300	Fuel and grass.
14	{ Camp Sumzumling north of Changchenmo range,		15	17,300
15	Sumdo, ...	25	17,300	Cross Kompás Lá 18,160 feet, at foot on S. side of which water may be obtained by digging. On upper Karakash river. Fuel, but grass only to be had lower down.
16	{ Shinglang or } { Dungleung, }	12	17,000	March along Karakash river.
17	Kizil Jilgha, ...	14	16,400	Some fuel but grass distant.
18	Khúsh Maidan,	18	15,800	From this place an alternative route goes down the Karakash valley to Shahdúla, a distance of about 140 miles; grass and fuel abundant the whole way.
19	Shor Jilgha, ...	18	15,900	No fuel or grass.
	Karatagh Pass,		17,800	
20	Karatagh Lake,	9	16,900	Grass doubtful; fuel.
21	Malikshah, ...	23	15,250	<i>N.B.</i> —Hayward gives another variation leaving the Lingzi-thung route (see No. 35) at Búrsi and joining the above route at Kizil Jilgha; this is shown in the Map, as is also Hayward's route down the whole course of the Karakash.
22	Chibra, ...	11	16,480	
	Súget Pass, ...		17,600	
23	Súget, ...	19	13,000	
24	Shahdúla, ...	8	11,800	
	Total, ...	316		

NO. 37. LEH TO SHAHDULA BY THE KARAKORAM PASS. (SUMMER ROUTE).

1	Leh to Ganles, ...	5	13,500	Steep ascent. or Laoche La. [Khardúng side.
2	Camp, ... Khardúng Pass,	8	15,000	
3	Khardúng vil. ...	14	13,500	Crosses a small portion of glacier on the
4	Satti, vil. ...	7	10,500	Cross the Shyok river.
5	Tirit, vil. ...	6	9,800	
6	Taghar, vil. ...	9	10,500	
7	Panamikh vil. ...	13	11,000	
8	Charlúng vil. ...	11	10,800	
9	Tutiylak, ...	11	13,000	Cross Kuráwaldawán ridge.
	Saser Pass, ...		17,800	[cult until a path is prepared.
10	Brangsa Saser, ...	15	15,400	Cross a glacier which at one place is diffi-
11	Búlak-i-Múrghai,	11	15,100	
12	Kazil Angúr, ...	16	16,700	
13	Daolat Begúldi, ...	20	16,900	
	Karakoram Pass,		18,600	An easy slope on both sides.
14	Brangsa, ...	22	16,500	At halting places from No. 10 to No. 17
15	Wahab Jilgha, ...	19	16,000	both inclusive, there is a difficulty as to
16	Malikshah, ...	15	15,300	wood and grass which are altogether
17	Chibra, ...	11	16,480	wanting at 12, 13, 14 and 15.
	Súget Pass, ...		17,600	
18	Súget, ...	19	13,000	
	Shahdúla ...	8	11,800	
	Total ...	240		

NO. 38. LEH TO SIMLA ; BY SULTANPUR.

No. of Murches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Leh to		11,532	
1	Shushot, vil. ...	11		Cross R. Indus by bridge. Golab-bagh.
2	Marsalang, vil. ...	12	12,200	Atta-bagh. Rest houses and supply depot.
3	Upshi, vil. ...	8		
4	Gya, vil. ...	16		Rest houses and supply depot.
5	Debring, ...	15		Generally a Tartar or Boti camp. Cross the Tugalang pass, Height 18,042 feet.
	Zara, ...			Plenty of water all the summer.
6	Rukchen, ...	14		Generally a Tartar or Boti camp.
7	Morechu, ...	10		Pond of fresh water; (quite dry in August 1861). Proposed rest house.
8	Samgul, ...	13		
9	Sumdo(Lachalang)	20		At foot of pass: cross the Lachalang pass (16,630 feet).
10	Sarchu, (Lingti)	20		Sumdo; cross the Tsarup R. by new bridge. Serai.
11	Kanunor Kilang,	17		
12	Zingzingbar, ...	12		Cross the Bara Lacha pass (16,060 feet); good camping ground 5 or 6 miles beyond.
13	Patsio, ...	11		
14	Darcha, vil. ...	11		
15	Kulang, ...	8		Residence of Tarachand, Magistrate, at Kangsur, 1 mile short of Kulang.
16	Kardang, (Kailing)	11		Cross to L. B. of Chandra Bhaga R; Bungalow (mission).
17	Gandla, ...	11		
18	Sisú, ...	8		
19	Koksir, vil. ...	13	10,261	R. B. Chandra Bhaga R., Lahoul District.
*20	Rahla, vil. ...	10		Cross Rotang pass (13,000 feet).
21	Pulchun, vil. ...	12		
22	Jagat Sak, vil. ...	10		Pass hot springs.
23	Nuggar, vil. ...	9	5,780	Bungalow. Asst. Commissioner lives here.
†24	Súltanpúr, ...	13	4,043	Bungalow. Capital of Kulu.
25	Bajaora, ...	10		Cross the Bias R. below Bajaora, and the Sainj R. near Larji. Dák Bungalow.
26	Larji, ...	13		Bungalow.
27	Manglaor, (Plach)	9	5,718	Cross the Chata R.
28	Jeebhi or Rasala,	11		Re-cross the Chata R. and cross a large tributary stream.
†29	Kot, ...	12		Cross the Jalori pass.
30	Dularsh, ...	18		Steep ascent; cross a ridge.
31	Kotgarh, ...	14		Cross R. Sulej by bridge; very steep descent and ascent.
32	Narkanda, ...	12		Bungalow. or from 29 Kot
33	Matiana, ...	13		Dák Bungalow. to Choi..... 11 Dila 9 Narkanda... 17
34	Theog, ...	8		"
35	Fagú, ...	12		"
	Mahasú, ...			" on new road, (old Bungalow sold).
36	Simla, ...	10	7,084	
	Total, ...	437		

* Or from Rahla to Miles } † or from Súltanpúr to Miles } ‡ or from Kot to Miles }
 Bisisht = 11 } Hurla = 11 } Choi = 11 }
 Nuggar = 13 } Larji = 10 } Dularsh = 8 }

Routes in the WESTERN-HIMALAYAS, KASHMIR, &c. 21

NO. 42. MASURI TO SIMLA ; BY OLD ROAD.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Masúri to		6,590	Library.
1	Mudarsú, ...	13		
2	Thoina or Thyna,	8		Cross R. Jumna by suspension bridge.
3	Pokri, D.B. ...	14		
4	Deoband, ...	13	9,347	Bungalow.
5	Bandraoli, ...	13		
6	Kanda, ...	11		
7	Tikri or Pekri,...	11		Cross the Tons R. at 3 miles.
14	Simla, ...	61	7,084	See No. 41.
	Total, ...	144		

NO. 43. MASURI TO WANGTU BRIDGE ; BY THE BURAND PASS.

	Masúri to		6,590	Library.
6	Kanda, ...	72		As in No. 42.
7	Jitar, ...	10		Cross the Tons river.
8	Shalna, ...	8		
9	Hant Kothi, ...	11		Easy march.
10	Roru, ...	8		Made rode.
11	Chergaon, ...	10		
12	Peyka, ...	9		
13	Jungli, ...	8		Last village below snow.
14	Litim, ...	10		No village.
	Burand pass,...		15,180	
15	Múlpani, ...	9		No village, cross Burand pass.
16	Kilba, ...	10		
17	Wangtu, ...	12		Bungalow near large bridge over Sutlej river.
	Total, ...	174		

NO. 44. MOZAFERABAD TO SRINAGAR (KASHMIR) ; BY THE NATTISHANNAR GALLI (PASS).

	Mozafarabad to			
1	Nuraseri, ...	8		A village at a little distance above the Kishengunga. Road rough and stony. Supplies procurable.
2	Panchgram, ...	8		A village.
3	Nosudda-Noseri,	9		Two villages near each other.
4	Títwal, ...	6		A village on the right bank of the Kishengunga R. Road bad in parts. Supplies precarious.
5	Haji Nar, ...	10		A village. Coolies and few supplies procurable. Pass the important village of Kandi. Road good and the scenery fine.
6	Drangiari, ...	10		Cross the Nattishannar Pass. The road by this Pass is closed during November, December and January when that by the Kukwa Galli (Pass) is employed. No supplies.
7	Shalúra Fort, ...	10		Pass the considerable village of Panzgram $\frac{1}{4}$ mile to left of road. Supplies obtainable.
8	Chogal, ...	13		Supplies procurable. Cross the Pohru where there is a ferry during April to July.
9	Sopur Baradari,	13		Pass the village of Sunawani on the Pohru stream up to which place boats ply at all seasons of the year. Supplies abundant.
10	Patan, ...	15		Good road, though the journey from Sopur to Srinagar is usually accomplished by boat. Supplies procurable.
11	Srinagar, ...	17		
	Total, ...	119		

22 Routes in the WESTERN-HIMALAYAS, KASHMIR, &c.

NO. 45. MURREE TO ABBOTABAD; BY LOWER ROAD.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Murree to Nagri (Dhundani),	14	7,532	Ford branch of Haro.
	Murree, ...	4		Dák Bungalow on top of hill.
2	Sajkot, ...	6		Ford branch of Haro.
3	Abbotabad, D.B.	17	4,166	Ford Dar river.
	Total, ...	41		

NO. 46. MURREE TO ABBOTABAD; BY UPPER ROAD.

	Murree to		7,532	This route is blocked up by snow from December to March.
1	Dúnga Gulli, D.B.	20		
2	Abbotabad, "	22		Cross Dar river by bridge and again by ford.
	Total, ...	42		

NO. 47. MURREE TO MUZAFERABAD.

	Murree to		7,532	
2	Kohala ferry, D.B.	21		See No. 48.
3	Chutrkelas, "	11		Easy road.
4	Rarur, "	12		Road a little steeper.
5	Muzaferebad, ...	about 7	2,470	Cross Jhelum by rope suspension bridge, or by ferry.
	Total, ...	51		

NO. 48. MURREE TO SRINAGAR (KASHMIR).

	Murree to			
1	Dawal Fort, D.B.	10		Supplies procurable.
2	Kohala ferry, "	10		Supplies scarce. Cross the R. Jhelum.
3	Dansa, ...			Steep ascent
4	Mara, ...			} old road or } by new road
5	Chakar, ...			
6	Hatti, D.B.	10		
7	Chakuti, "	15		Supplies procurable.
8	Uri, "	16		Supplies scarce.
12	Srinagar, ...	54		See No. 23.
	Total, ...	135		

Kohala, ... D.B. —
Chutrkelas, ... 8
Rarur, ... D.B. 8
Tundalee, ... 10
Guhree, ... 10
Hatti, ... 6

NO. 49. NYNI TAL TO ALMORAH.

1	Nyni Tal to Ramgarh, D.B.	13	6,400	Dák Bungalow.
2	Peora, "	10	6,100	
3	Almorah, "	8	5,800	
	Total, ...	31	5,400	

NO. 50. NYNI TAL TO MASURI; BY ALMORAH.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Nyni Tal to		6,400	Dák Bungalow.
1	Ramgarh, ...	13		Do.
2	Peora, ...	10	5,800	Do.
3	Almorah, ...	8	5,400	Do.
4	Bainskhet, D.B.	12	4,009	Cross Kasee Ram by suspension bridge.
5	Dwarahath, " Masi Bungalow,	13	5,031	
6	Ganai, ...	10	3,205	Cross R. Ramganga. Dák Bungalow. Or from 10 Srinagar
7	Déghat, ...			Change coolies. to Takoli, 12 miles.
8	Búngdhar, ...	18		Dák Bungalow. Pao, 8
9	Kanúr, ...	12		Do. Tíree, 11
10	Buransi, ...			Change coolies half-way.
11	Chifulghat, ...	18		Dák Bungalow.
12	Srinagar, ...	15	1,743	Do. Paori half-way.
13	Takoli, ...	12		Road bad; cross R. Ganges by suspension bridge.
14	Tíree, ...	19	1,500	Do. Dák Bungalow.
15	Kauria galia, ...	14		Cross Bhagiruttee R. by suspension bridge.
	Dhanolti, ...	16		Road bad.
	Masúri, ...	16	6,590	Do.
	Total, ...	206		

NO. 51. PUTHANKOT TO DALHOUSIE; BY SHAHPUR.

	Puthankot to			This route is always used by troops but dooly dáks go direct to Dhar.
1	Shahpur, ...	8		Dák Bungalow on bank of Ravee.
2	Dhar, ...	14		Dák Bungalow.
3	Dunaira, ...	12		Do.
4	Mamul, ...	9		Do.
5	Bukloh, ...	1		Cantonment.
	Dalhousie, ...	13	6,740	Dák Bungalow and Hotel. Dooly dák available.
	Total, ...	57		

NO. 52. PUTHANKOT TO DHARAMSALA.

	Puthankot to			
1	Núrpúr, ...	14	2,050	Dák Bungalow and Encamping ground.
2	Kotla, ...	13		Do. no servants. [ground.
3	Shahpur, ...	10		Do. do. Encamping
4	Dharamsala, ...	14	6,111	Do.
	Total, ...	51		

NO. 53. PUTHANKOT TO KANGRA.

	Puthankot to			
3	Shahpur, ...	37		As in No. 52.
4	Kangra, ...	12	2,419	Dák Bungalow and Encamping ground.
	Total, ...	49		

24 *Routes in the* WESTERN-HIMALAYAS, KASHMIR, &c.

NO. 54. RAJAORI TO ALIABAD SERAI ; BY THE DARHAL PASS (OLD MOGHUL ROAD).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Rajaori to Darhal, ... *	12	3,094	Large village. Road up the Darhal stream and easy for laden animals. Shepherd's huts. No supplies. Fuel procurable a mile back. Road ascends for 2 miles. Pasturage abundant.
2	Beloh, ...	7		
3	Darhal Pass, ... Aliabad Serai, ...	12	13,080	Gentle ascent to the Nil Sar lake; from thence easy ascent to the Pass. Road passes by the Nandan Sar lake, a fine clear blue sheet of water, and then descends to Aliabad Serai. Supplies scarce.
	Total, ...	31		

NOTE.—This route should not be attempted before June.

NO. 55. RAJAORI TO SRINAGAR (KASHMIR); BY POONCH.

1	Rajaori to Thanna, ... *	14	3,094	Supplies procurable. Cross the Ratan Pir spur. Suran to Baramgalli 15 miles.
2	Suran, ...	16		
3	Poonch, D.B. ...	14	3,300	Supplies procurable. See No. 23.
10	Srinagar, ...	88		
	Total, ...	132		

NO. 56. RAWAL PINDI TO ABBOTABAD.

1	Rawal Pindi to Jani-ka-sang, ...	14	1,709	This road is passable for carts.
	Kala-ki Serai, ...	6		
2	Hattar, ...	9		Ford the Haro river.
3	Hurripur, ...	14		
4	Chamba, ...	11		Ford the Sirun river. Dák Bungalow.
5	Abbotabad, ...	12	4,166	
	Total, ...	66		

NO. 57. RAWAL PINDI TO MURREE.

1	Rawal Pindi to Barakar, ...	12	1,709	A cart and carriage road. Dák Bungalow and camping ground.
2	Chutr or Sela, ...	5		
3	Tret, ...	7		Do. do.
4	Murree, ...	13	7,532	
	Total, ...	37		

* Rest-houses erected here.

NO. 58. SAHARANPOOR TO CHAKRAOTA; BY THE TIMLI PASS.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	REMARKS.
	Saharanpoor Railway Station to		
1	Kalsea, ...	14½	Bungalow. Road metalled.
2	Budshah Bagh, ...	13½	Encamping ground. Road metalled.
3	Asan River (bank),	12½	Do. Cross Timli Pass. Bungalow at Fathipur ½ mile beyond.
4	Kalsi, ... (By Cart Road).	10½	Bungalow. Cross Asan River. Cross the Jumna by suspension bridge.
5	Saiiah, ...	12	Bungalow. Road up right bank of Amlawa stream.
6	Karwah, ...	8	Encamping ground. Cross Amlawa stream by a masonry bridge.
7	Chakraota, ... (By Mule Road).	8	Sanitarium.
5	Kalsi to Saiiah, ...	11	Bungalow. Leaves cart road at 2nd mile and rejoins it at 4th mile. Road up right bank of Amlawa stream.
6	Chakraota, ...	9	Coincident for 3 miles with cart road and then branches off. (Height above sea level = 7,300 ft.). Cross Amlawa stream by a masonry bridge.
Total, { By Cart Road,		79	
{ „ Mule „		71	

NO. 59. SHAPIYON TO AKNOOR; BY THE BUDIL PASS.

1	Shapiyon to Nazamdi Garhi,	11	No houses. No supplies. Rocks for shelter.
2	Delhi, ...	14	No supplies. Wood and water close by. The last part of the route is a steep and awkward descent of 1,500 feet.
3	Abíd, ...	7	No houses and no supplies. Cross a very steep hill-side and encamp at foot of the pass.
4	Búdil, ...	4	Large village north of and distant a few hundred yards from a small fort. Supplies plentiful. Good Encamping ground.
5	Bhagoli, ...	5	One or two houses. No supplies. Road stony and bad.
6	Nar, ...	8	Small village. Supplies precarious.
7	Chele, ...	12	No supplies. Camp in wide bed of stream. Pass a few hamlets <i>en route</i> .
8	Paoni, ...	8	A large village. Supplies abundant.
9	Jandrai-ki-baoli,	8	No supplies. Wood abundant.
10	Aknoor, ...	7	Baradari. Supplies procurable. May be made into 8 marches.
Total, ...		84	

This road is much frequented by hardy travellers who carry their merchandise on ponies, as less duty is levied on their goods by this than by other routes. The pass opens at end of May and closes towards end of November.

26 *Routes in the WESTERN-HIMALAYAS, KASHMIR, &c.*

NO. 60. SHAHDULA TO YARKUND ; BY THE GRIM OR SANJU PASS.

No. of Marches.	Names of Halting Places.	Estimated distance.	Height above sea level in feet.	REMARKS.
		Miles		
1	Shahdúla to Tograchu, ...	20		Cross the Karakash twice ; very difficult to ford.
2	Pilartagash, ...	11		Cross the Tograchu torrent ; must be passed early in the day.
3	Camp, ... Sanju or Grim Pass,	12	16,760	Very steep ascent and descent, unfit for laden ponies ; yaks must be used to carry loads.
4	Kichik-yilak, ...	10		Kirghiz summer camp ; yaks &c., supplied.
5	Tam (Kathai), ...	12		(Chinese boundary stone). Road down Sanju valley.
6	Chuchar, ...	15		In summer a detour has to be made over the Chuchar Pass.
	Chuchar Pass,		11,900	
7	Mazar, ...	12		On Araklik river.
8	Kizl-Agil, ...	10		Along the Araklik river.
9	Sanju, ...	14		A large village ; cross a sandy spur.
10	Koshtagh, ...	25		Crosses the Sanju river and after crossing some sand hills traverses a portion of desert for 10 miles.
11	Oitaghrak, ...	20		Crosses a desert tract.
12	Borah, ...	12		Crosses sand hills and a desert tract.
13	Karghalik, ...	24		After 8 miles leaves the sand hills and crosses part of the desert.
14	Posgam, ...	21		Ford the Teznaf after 12 miles ; crossed with difficulty in summer.
15	Yangi Bazar, ...	14		In the winter a direct road can be taken avoiding Yangi Bazar.
16	Yarkund, ...	8	4,000	Cross the Boi or Yarkund river by boat in summer.
	Total, ...	240		

NO. 61. SHAPIYON TO BARAMULA ; BY GULMARG.

		Miles	
1	Shapiyon to Chrár, ...	13 $\frac{3}{4}$	Small town. Supplies abundant. Cross stream and pass the village of Batpura.
2	Khán Bába Sáhib's Ziárat,	9 $\frac{1}{2}$	Cross two bridged streams. Pass several villages.
3	Kág, ...	9 $\frac{1}{4}$	Village. Supplies procurable.
4	Gulmarg, ...	12 $\frac{1}{4}$	Pass Firozpur at 9 $\frac{1}{4}$ miles and cross pass so named.
5	Baramula, ...	13	Small town on the Jhelam. Supplies abundant.
	Total, ...	57 $\frac{3}{4}$	

NO. 62. SHARDI TO CHILAS ; BY THE SARGAN RIVER.

		Koss	
1	Shardi to Samgam, ...	6	A village and fort on L. bank of Kishengunga R. Camping ground. Wood and water procurable. Cross Kishengunga river by a bridge.
2	Domaila, ...	6	Camping ground.
3	Kamakdúri Galli,	6	
4	Niát, ...	6	A village in Chilás.
	Total, ...	24	

Ponies can be taken by this route but it is generally rough.

Routes in the WESTERN-HIMALAYAS, KASHMIR, &c. 27

NO. 63. SIALKOT TO BADRAWAR; BY RAMNAGAR.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	REMARKS.
1	Sialkot to Tao, ...	14	
2	Jamoo, ...	13	Cross R. Tovee by boat to right bank.
3	Purgulta, ...	14	Do. do. to left bank.
4	Suruinsar, ...	12	Ascend sandstone range; encamp by lake; road not very good.
5	Chain, ...	13	
6	Ramnagar, ...	15	Ascend ridge (Sunidhar).
7	Korta, ...	13	Ascend spur.
8	Duder, ...	14	Ascend to ridge (Kalatil); continue along it and descend to Tovee R.
9	Siwaldhar Maidan	10	Gradual ascent; encamp in Maidans; a few Goojur huts.
10	Badrawar, ...	12	Cross Seyagee pass, 10,148 ft.; short steep descent; then very easy road, practicable for ponies.
	Total, ...	130	

NO. 64. SIALKOT TO KISHTWAR.

2	Sialkot to Jamoo, ...	27	As in No. 63.
3	Nagrota, ...	6½	Supplies procurable.
4	Dansal, ...	10	Do. do.
5	Udampúr ...	16	Ascent after leaving Dansal—road beyond good. Supplies procurable.
6	Bali, ...	9	Ascent to Garala. Supplies scarce.
7	Chineni, ...	16	By upper road; another for foot passengers on R.B. of Tovee R. Supplies procurable.
8	Baloti, ...	14	Cross ridge. Supplies procurable. [procurable.
9	Asar, ...	16	Opposite this village is a rope bridge. Supplies
10	Kalen, ...	15	A Baradari here. Supplies procurable.
11	Bhelu, ...	10	Cross the Neru R. near junction with Chandra Bhaga R.—bridge bad; in cold weather a raft on river. Supplies procurable.
12	Zunglwar, ...	14	In cold weather a raft on the Chenab R. Supplies procurable. [Supplies scarce.
13	Joshni, ...	6	Cross the Kalnay and another stream by good bridges.
14	Kishtwar, ...	15	Road not so good as hitherto. Supplies plentiful.
	Total, ...	174½	

NO. 65. SIALKOT TO SRINAGAR (KASHMIR); BY THE BANIHAL PASS.

4	Sialkot to Dansal, ...	43½	See No. 64.
5	Krimchi, ...	14	Supplies procurable; coolies scarce.
6	Mir, ...	9	Do. and coolies precarious.
7	Landri, ...	8	Do. procurable.
8	Billata, ...	10	Cross the Singipal ridge. [Supplies plentiful.
9	Ramban, ...	6	Baradari. Cross Chandra Bhaga by wooden bridge.
10	Batlandar, ...	18	Cross the Loonkote; very steep.
11	Deogol, ...	10	[Supplies and coolies abundant.
12	Vernag, ...	12	Baradari. Cross Banihal pass 9,200 ft. above Sea.
13	Shahabad, ...	4	Large Village. Supplies plentiful.
14	Lukbowa Nag, ...	5	
15	Islamabad, ...	8	From Islamabad to Srinagar generally by boat.
16	Avantipúr, ...	17	Supplies procurable.
17	Srinagar, ...	18	
	Total, ...	182½	

28 *Routes in the WESTERN-HIMALAYAS, KASHMIR, &c.*

NO. 66. SIALKOT TO SRINAGAR (KASHMIR); BY THE PIR PUNJAL PASS.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Sialkot to Chaprar, ...	13		Supplies procurable.
2	Gajanso, ...	10		Ford the Tovee R. 4 miles from Chaprar. Supplies must be collected.
3	Aknoor, ...	12	1,142	Baradari. Cross the Chenab R. by boat. Supplies procurable.
4	Burnal, ...	10	1,460	} By new and more direct road by Letri.
5	Thanda pani, ...	14		
4	Tanda, ...	6		Very stony. Supplies procurable.
5	Dubb, ...	13		Do. up and down ravines, last ascent and descent steep. Supplies scarce.
6	Thanda pani, ...	13		Road good. Supplies procurable.
7	Dharmisal, ...	10		Do. cross some low hills. Supplies procurable.
8	Sialsui, ...	10		Road good. Cross 2 rivers and one steep range. Supplies scarce.
9	Rajaori, ...	14	3,094	Road good. Cross some large streams. Supplies plentiful.
18	Srinagar, ...	94	5,235	See No. 10.
	Total, ...	195		

NO. 67. SIMLA TO BELASPUR AND MANDI; BY JUTOQH.

	Simla to Jutogh, ...	5	7,084	Church.
	Erki, ...	16		A bad road.
	Namuli, ...	14		Do.
	Belaspur, ...	12		
	Suket, ...	22	2,965	
	Mandi, ...	11	3,006	
	Total, ...	80		

NO. 68. SIMLA TO CHINI; BY THE HINDUSTAN AND TIBET ROAD.

4	Simla to Narkanda, ...	43		See No. 38. Bungalow.
5	Bagi, ...	9		Steep for about 2 miles. Dák Bungalow. For road by Kotgarh and Rampur, see No. 72.
6	Kandralla, ...	8		Dák Bungalow.
7	Sungri, ...	10		Do.
8	Baoli, ...	11		Bungalow in ruins.
9	Nogri, D. B. ...	12		Slight ascent of about 5 miles.
10	Darhin, B. ...	10		Steep most of the distance.
11	Sarhan, B. ...	13		Do. for about 2 miles.
12	Turanda, B. ...	15		
	Peindah, B. ...			
13	Nachar, ...	10		
	Wangtu B. ...			
14	Chagaon, ...	12		Cross Sutlej River by Wangtu bridge. Bungalow at Uri.
15	Miru, ...	8		
16	Chini, ...	13		Large Bungalow.
	Total, ...	174		

NOTE.—B. indicates Bungalow.

NO. 69. SIMLA TO CHUR PEAK.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
4	Simla to Patarnala, ...	32	7,084	Church.
5	Kagnai, ...	13	9,368	See No. 41.
6	Sirahi, ...	12		Through the Patarnala forest, leave the Masúri road at 6 miles from Patarnala.
7	Chúr Peak, ...	5	11,982	Large village.
	Total, ...	62		Summit; through a magnificent forest ending in birch trees, no village.

NO. 70. SIMLA TO SRINAGAR (KASHMIR); BY KANGRA AND CHAMBA.

1	Simla to Sairi, ...	10	Dák Bungalow.
2	Sahiki Hati, ...	16	Bungalow.
3	Belaspúr ...	17	
4	Kunar Hati, ...	10	Cross Sutlej R. by ferry.
5	Dangah, ...	8	
6	Hamirpúr, ...	16	Bungalow and Thana.
7	Nadaon, ...	15	
8	Júala Múkhi, ...	7	Serai.
9	Ranital, ...	12	Dák Bungalow.
10	Kangra, ...	9	
11	Rilloo (Hutli), ...	13	
12	Sihanta, ...	12	Road bad for ponies.
13	Rapir, ...	12	Do. do.
14	Chuari, ...	6	Do. do.
15	Rareri, ...	14	Cross pass; steep ascent for 5 miles.
16	Chamba, ...	6	Road bad. Cross Ravee by bridge. Baradari.
17	Manjeri, ...	16	Steep ascent; cross low pass; cross R. Shool on massaks.
18	Digi or Kirah, ...	11	Bad road. or 17 Manjeri
19	Bungul, ...	11	Do. 18 Thunun 12
20	Camp (Múr), ...	10	19 Langera 9
21	Badrawar, ...	12	Cross Padri pass; short ascent & 20 Thannala 15
22	Kalen, ...	11	[very steep descent. 21 Badrawar 8
23	Doda, ...	10	Cross R. Chandra Bhaga by rope bridge.
24	Bhagwan, ...	7	
25	Gayi, ...	9	Bad road.
26	Camp, ...	7	
27	Chaon, ...	13	Cross Braribal pass; steep ascent and descent.
28	Vernag, ...	10	Baradari. Supplies and coolies abundant.
31	Srinagar, ...	52	See No. 65.
	Total, ...	362	

NO. 71. SIMLA TO SRINAGAR (KASHMIR); BY KULU, CHAMBA AND BADRAWAR.

11	Simla to Bajaora, ...	132	See No. 38. Dák Bungalow.
12	Komand, ...	13	Cross pass; steep ascent.
13	Sauri, ...	8	Cross river by bridge; ascent. } Old route.
14	Fatakal, ...	11	
15	Haurbaug, ...	10	
16	Bajjnath, ...	17	Dák Bungalow and Encamping Ground.
17	Bundleh, ...	11	Putiyar is about half way between Bundleh & Bhagsu.
18	Bhagsu Cant., ...	19	Cross several torrents; Dharamsala is just above
19	Rilloo (Hutli), ...	17	[Bhagsu. Encamping Ground.
39	Srinagar, ...	229	See No. 70.
	Total, ...	467	

30 *Routes in the WESTERN-HIMALAYAS, KASHMIR, &c.*

NO. 72. SIMLA TO WANGTU BRIDGE; BY KOTGARH AND RAMPUR.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
4	Simla to Narkanda, ...	43		See No. 38. Bungalow.
5	Kotgarh, ...	12		
6	Nirth, ...	9		[road.
7	Rampur, ...	12		10 miles to Baoli on Hindustan and Tibet
8	Gowra, ...	7		
9	Sarahan, ...	10		
10	Turanda, ...	15		
11	Wangtu, ...	13		
	Total, ...	121		

NO. 73. SONAMARG TO GURAI; BY THE TILAIL VALLEY.

1	Sonamarg to Nichinal, ...	7		[feet span). Cross the Sind R. by the Mair bridge (60
2	Krishan Sar, ...	8		Cross the Nichinal Saga watershed between the Sind and Tilail valleys. Pass the Krishan Sar lake. Juniper bushes for fuel.
3	Múshdi Nar, ...	8		Pass the small lake called Gádsar. Fuel abundant.
4	Lahan-i-Thal or Dokolla Bal,	5		Fatiguing march. Steep ascent of 3,000 ft. and similar descent of about 4,000 ft. Fuel abundant.
5	Wazri Thal, ...	6		Small village. Ascent to Lohan-i-Thal range about 2,300 ft., descent 3,350 ft. Supplies scarce; encamp on L. bank of Kishengunga R. 1 mile below village, by bridge opposite Badagam.
6	Lorloken, ...	10		Grassy plain. No supplies procurable.
7	Gurais, ...	11		Cross bridge (if there be one) below Tsenial; otherwise a detour must be made to cross by the Kotobat bridge.
	Total, ...	55		

NO. 74. SPITI (DANKAR) TO CHANGCHENMO; BY HANLE AND THE PANGONG LAKE.

1	Dankar to Kaja, ...	16	12,774	Small village.
2	Kiwar, ...	12	13,400	Pass at 6½ miles, Ki Monastery.
3	Jughtha, ...	12	16,000	No village.
	Parang pass, ...		18,300	
4	Dutung, ...	10	16,000	No village.
5	Umdung, ...	17		Along the Parang river.
6	Narbú Sumdo, ...	20	15,300	
7	Dongan camp, ...	18		
	Lanak pass, ...			
8	Camp, ...	19		On high table-land.
9	Hanle, ...	18	14,276	Fine Buddhist Monastery and village.
10	Monkang, ...	19		
11	Tara camp, ...	12		
12	Nowi camp, ...	11	13,900	Ford Indus river, water up to waist.
13	Dachung, ...	15		Or Donglung.
14	Shooshal, ...	22	14,200	
15	Karkpet, ...	12	13,940	Along the shore of the Pangong Lake.
16	Mang, ...	10	13,940	Do. do.
17	Lúkúng, ...	14	14,400	At head of Pangong Lake.
20	Changchenmo, ...	34	14,800	Pamzal. See route No. 33.
	Total, ...	291		

Routes in the WESTERN-HIMALAYAS, KASHMIR, &c. 31

NO. 75. SPITI (DANKAR) TO CHANGCHENMO; BY THE PARANG LA (PASS) AND PANGONG LAKE.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Dankar to		12,774	
6	Narbú Sumdo,...	87	15,300	As in No. 74.
7	Tsho Morari Lake S. end, ...	11	14,900	Kiangdom camp.
8	Karzok, ...	12	14,900	Along the shore of the Tsho Morari Lake.
9	Puga camp, ...	18	15,200	Cross several ridges. Encamping ground near borax fields and sulphur mines.
10	Camp, ...	10	13,800	At junction of Puga river with Indus. The route given in No. 76 is easier.
11	Yah-le camp, ...	10	15,000?	Ford the Indus, water up to the waist.
	Thatola pass,...		17,000	Road very stony.
12	Mirpa Tso, ...	11		
13	Shooshal, ...	12	14,200	Cross ridge (17,000 ft.); lake.
19	Changchenmo,...	70	14,800	Pamzal. See route No. 74.
	Total, ...	241		

NO. 76. SPITI (DANKAR) TO CHANGCHENMO; BY THE TSAKA LA (PASS).

	Dankar to		12,774	[No. 75.
10	Camp, ...	138	13,800	At junction of Puga river with Indus, as in
11	Nima Mud, ...	15	14,000	
12	Nowi camping place, ...	10	13,900	
13	Dachung, ...	15		Or Donglung. [pass.
14	Shooshal, ...	22	14,200	Cross the Tsaka La 15,500 feet, a very easy
20	Changchenmo,...	70	14,800	Pamzal. See route No. 74.
	Total, ...	270		

NO. 77. SRINAGAR (KASHMIR) TO INSHIN IN MARU WARDWAN.

	Srinagar to			
2	Islamabad, ...	35		By land; but generally by boat.
3	Karpur, ...	13		Cross a low range.
4	Gúran, ...	14		Passing Nowbúg.
5	Camp below and beyond pass,...	20		Crossing the Margan or Ikpatran pass 11,600 feet above the Sea.
6	Inshin, ...	20		Thence to Sooroo 5 marches=76 miles, by Bhutkul pass 14,370 feet. Supplies precarious.
	Total, ...	102		

NO. 78. SRINAGAR (KASHMIR) TO KISHTWAR.

	Srinagar to			
2	Islamabad, ...	35		By land; but generally by boat.
3	Wangam, ...	17		
4	Wankringi, ...	9		Huts under the pass.
5	Singpur, ...	16		Cross the Marbul pass 11,570 ft. above the Sea. Few supplies and coolies obtainable.
6	Mogal Maidan,...	16		Down the Kashere Khol.
7	Kishtwar, ...	16		Cross the Maru Wardwan and Chenab rivers by rope bridges. Supplies abundant.
	Total, ...	109		

32 *Routes in the WESTERN-HIMALAYAS, KASHMIR, &c.*

NO. 79. SRINAGAR (KASHMIR) TO LEH; BY THE DRAS ROAD.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	REMARKS.												
1	Srinagar to Gandarbal, ...	14	Ghat for boats is 2 miles short of Gandarbal.												
X 2	Kangan, ...	11													
3	Gond, ...	14	Supplies procurable.												
4	Gagangair, ...	9													
X 5	Sonamarg, ...	10	Supplies scarce.												
X 6	Baltal, ...	9	Huts only.												
X 7	Mataiyan, ...	15	{ Cross the Zoji-la-pass, 11,300 feet above the Sea. Camp 2 miles above and opposite Mataiyan village.												
X 8	Dras, ...	15													
9	Tashgam, ...	15													
10	Chanagund, ...	15	On r. bank. Or Kirkitchu on l. bank												
11	Kargil, ...	8	of Dras river. Or as follows,...												
12	Lachan, ...	13	<table border="0"> <tr> <td rowspan="4" style="font-size: 3em; vertical-align: middle;">}</td> <td>Kargil to</td> <td style="text-align: right;">miles</td> </tr> <tr> <td>Shergol</td> <td style="text-align: right;">20</td> </tr> <tr> <td>Karbu</td> <td style="text-align: right;">18</td> </tr> <tr> <td>Lama Yuru</td> <td style="text-align: right;">16</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;">Total,...</td> <td style="text-align: right; border-top: 1px solid black;">54</td> </tr> </table>	}	Kargil to	miles	Shergol	20	Karbu	18	Lama Yuru	16	Total,...		54
}	Kargil to	miles													
	Shergol	20													
	Karbu	18													
	Lama Yuru	16													
Total,...		54													
13	Mulbekh, ...	11													
14	Charak, ...	11													
15	Lama Yuru, ...	19													
16	Kullath or Kulsi, ...	12	„ the Fotula pass 13,446 feet.												
17	Hemis, ...	15	„ the Indus by bridge.												
18	Basgo, ...	17													
19	Leh, ...	21													
	Total, ...	254													

NO. 80. SRINAGAR (KASHMIR) TO MARU.

2	Srinagar to Islamabad, ...	35	By land; but generally by boat.
3	Karpur, ...	13	Huts; passing Nowbúg.
4	Rajparan, ...	16	Crossing the Hoksar pass, 13,315 feet above the Sea.
5	Camp, ...	10	
6	Maru, ...	12	or Petgam.
	Total, ...	86	

NO. 81. SRINAGAR (KASHMIR) TO SKARDO; BY DEOSAI.

2	Srinagar to Bandipur, ...	95	By boat.
3	Tragbal, ...	10	Tank and chowky.
	Jotkusu, ...	8	Cross the Rajdiangan ridge about 11,800 feet above the Sea.
4	Kanzlwan, ...	7	On l. bank of Kishengunga R.
5	Gurais, ...	11	Steep ascent and descent in the middle.
	Bangla, ...	10	No village, a chowky.
6	Mapanon bagh, ...	9	Do. do.
7	Barzil, ...	7	Do. do.
8	Huts, ...	16	Cross two passes.
9	Do. ...	15	
10	Do. ...	22	Crossing the Búrjila pass; better to halt beyond or North of pass.
11	Skardo, ...		
	Total, ...	150	

N.B.—This route is only practicable from 15th July to 15th September.

Routes in the WESTERN-HIMALAYAS, KASHMIR, &c. 33

NO. 82. SRINAGAR (KASHMIR) TO SKARDO; BY THE DRAS ROAD.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	REMARKS.
10	Srinagar to Kirkitchu, ...	127	See No. 79, or Chanagund.
11	Gangany, ...	10	L. bank of Dras R.
12	Olting Thang, ...	12	Do. do.
13	Tarkuty, ...	14	Do. Indus R.
14	Kartaksho, ...	17	R. bank do. Cross R. Indus by rope bridge.
19	Skardo, ...	60	See No. 40.
	Total, ...	240	

NO. 83. SULTANPUR TO DHARAMSALA.

5	Súltanpúr to Baijnath, ...	61	See No. 26.
6	Palampúr, ...	10	Dák Bungalow.
7	Dudh, ...	10	Do.
8	Dharamsala, ...	11	Do.
	Total, ...	92	

NO. 84. SULTANPUR TO LARI NEAR DANKAR IN SPITI.

2	Súltanpúr to Jagatsak, ...	22	See No. 38 (marches 23 and 24).
3	Chikka, ...	9	
4	Chatalu, ...	9	
5	Patti Runi, ...	9	
6	Karcha, ...	11	
7	Losar, ...	12	In Spiti.
8	Kioto, ...	11	
9	Kiwar, ...	12	
10	Dankar, ...	23	(2 marches as in 74).
11	Pokh, ...	7	
12	Lari, ...	9	
	Total, ...	134	

NO. 85. SULTANPUR TO RAMPUR (BUSAHIR).

3	Súltanpúr to Manglaor, (Plach)	32	See No. 38.
4	Batar, ...	16	
5	Siran, ...	13	
6	Nirmand, ...	15	
7	Rampur, ...	12	
	Total, ...	88	

84 Routes in the WESTERN-HIMALAYAS, KASHMIR, &c.

NO. 86. TITWAL TO SOPUR; BY THE TUTMARI GALLI PASS.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Titwal to Súdipúra, ...	5		Village on left bank of the Kishengunga river.
2	Chandnian, ...	5		
3	Húdea, ...	8		Cross the Tútmarí Galli pass.
4	Larch, ...	6		A village.
5	Langyat, ...	5		
6	Sopúr, ...	10		Baradari. Town on r. bank of the Jhelam R. Supplies abundant.
	Total, ...	39		

NOTE.—A pony can be taken by this route and ridden at intervals. Supplies and coolies are obtainable at all except the third stage.

NO. 87. VERNAQ TO NOWBUQ.

	Vernag to Sof, ...	7		Two roads lead to Sof, both good and equally direct.
1				Large village. Celebrated for its iron mines, the most extensive in Kashmir. Supplies procurable.
2	Nowbúq, ...	11		Village. Road passes by the considerable village of Larún.
	Total, ...	18		

NO. 88. WANQTU (BRIDGE) TO SPITI (DANKAR); BY THE BABEH PASS.

	Wangtu to Yangpa, ...	12		Bungalow.
1				Cross Sutlej and follow up the Wanga River.
2	Múling, ...	7		No village.
3	Pústirang, ...	6		Near the snow line.
	Babeh pass, ...		15,300	
4	Pradah, ...	12		Cross.
5	Múth, ...	17		
6	Súnam, ...	13		
7	Dankar, ...	14	12,774	Small fort.
	Total, ...	81		

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