

ROUTES

301

IN THE

WESTERN-HIMALAYAS, KASHMIR, &c.

BY THE LATE

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WITH ADDITIONS FROM

MAJOR C. E. BATES'S GAZETTEER

AND OTHER SOURCES.

Revised and corrected.



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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 KAGHAN.

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	4,166	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	Knwai, ...	12		
5	Jarid, ...	14		
6	Kághán, ...	15	6,610	
7	Narang, ...	14		
8	Burawaie, ...	13		Lake. Cross pass about same height as lake.
9	Waitar, ...	12		
10	Lólúsar, ...	9	11,070	
11	Chilas, ...	15		
	Total, ...	152		

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

	Amballa to		902	{ Bussi D.B. at 18 miles ; Ghugur river at 23 miles. [Simla.
4	Kalka, ...	37		
5	Dhampur, ...	15		Hotels, &c. and D.B. : cart road hence to D.B. and small camping ground.
6	Solon, ...	12		Do. do. do.
7	Kairighat, ...	15		Do. but no camping ground.
8	Simla, ...	16	7,084	Church, Hotels, &c. Horse dák to Kalka, thence by ponies, jhampán or tonga.
	Total, ...	95		

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

	Amballa to		902	As in No. 2.
4	Kalka, ...	37		
5	Kasnoli, ...	9	6,173	D.B.
6	Kakar Hutti, ...	12		Hotel and Dák Bungalows.
	Haripur, ...	2		Two Dák Bungalows, and Hotel : cross the Gumbur river by bridge.
7	Sairi, ...	9		D.B. and Hotel.
8	Simla, ...	11	7,084	Hotels, &c.
	Total, ...	80		

NOTE.—D.B. indicates Dák Bungalow.

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

NO. 4. AMRITSAR TO PUTHANKOT; BY GURDASPUR.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Amritsar to Kathunungal, ...	12	756	Sarni : a metalled road throughout. Do. ; rooms for Europeans and servants.
2	Batula, ...	12		
3	Bidipur, ...	10		Dák Bungalow. Do.
4	Gurdaspur, ...	10		
5	Adeenanagar, ... Do. Encamping Ground, ...	8 3	946	
6	Puthankot, ...	12		Hotel and Sarai with rooms for Europeans and servants.
	Total, ...	67		About 10 hours by horse dák.

NO. 5. ASTOR TO GILGHIT; BY BUNJI.

1	Astor to Dushkin, ...	14½	7,840	Pass Harcho village at 8 miles.
2	Duia, ...	12		Road along hill side about Astor river.
3	Bunji Fort, ...	17	4,631	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 Gilghit Valley.
5	Gilghit Fort, ...	8	4,890	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	5,427	Road by Siwardhar in summer, another by Jagud.
2	Joshni, ...	14		
3	Kishtwar, ...	15	5,000	Road bad in places.
	Total, ...	46		

NO. 7. BADRAWAR TO MADHOPUR; BY BASAOLI.

1	Badrawar to Top of Chatardar Pass, ...	14	5,427 10,100	No huts, but wood and water in abundance.
2	Loang, ...	16		Village on Siawa river.
3	Hartli, ...	8		
4	Pood, ...	14		
5	Basnoli, ...	13	2,170	Cross the Ramruchun or Chara ridge. Encamp on bank of tank, opposite Rájnh's palace.
6	Thain Fort, ...	12		Cross the Ravoc river by ferry, to L. bank.
7	Madhopur, ...	15	1,137	
	Total, ...	92		

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

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Baramgalla to Hilloh, ...	10		No supplies. Good grazing ground.
2	Kachgal River,	12		Good grazing ground. Wood and water abundant. Cross Chhoti Galli Pass 14,090 feet, easy to ascend; two roads lead from pass, easy for laden animals.
3	Pakspúra, ...	11		Good-sized village. Grass and food procurable. Road good for laden ponies.
4	Khánpur, ...	10		Pass Chrár bazar. Road good.
5	Srinagar, ...	13	5,235	
	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 PUNCH.

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	Koiveta, ...	10		Village on high bank of Ban stream near two Báradaris. 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. Báradari. 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	Punch D.B., ...	16	3,300	Supplies procurable. Road not so difficult as on last march.
14	Srinagar, ...	88	5,235	Vide Route No. 23.
	Total, ...	185		

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

NOTE.—D.B. indicates Dák Bungalow.

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

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

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Bhimber to Snidabad, *	15	3,094	See No. 9.
2	Naoshera, *	12½		Báradari in garden near river.
3	Changas Sarni, *	13½		In ruins.
4	Rajaori, *	15		Road good; cross one large stream.
5	Thanna, *	14		Cross the Ratan Pir about 8,200 ft. above the sea.
6	Baramgalla, *	10½		Up a ravine, crossing and recrossing river by 20 to 30 bridges, encamping in ravine 1½ miles east of village.
7	Poshiana, *	8		Cross the Pir Punjal 11,400 ft. above the sea.
8	Aliabad Sarai, *	11		Sheds in forest. In marching to Kashmir a traveller could go from Aliabad either to Hirpur or Shapiyon.
9	Dubchi, *	8		Sarai & Village.
10	Hirpur, ...	4		
11	Shapiyon, *	8		Báradari near vil.
12	Khánpur, ...	16	5,235	In returning from Kashmir, Shapiyon to Dubchi and thence to Poshiana might be preferable according to weather.
13	Srinagar, ...	13		
	Total, ...	148½		

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

1	Chini to Gaiarra, ...	13		
	Werung Pass,		12,400	
2	Tubbi, ...	12	11,720	Supplies and coolies from Kanura.
	Rúnung Pass,		13,400	
3	Súngnum, ...	10	9,020	
	Hangarung Pass,		14,710	
4	Hangu, ...	12	11,500	
5	Lio, ...	9	9,600	
6	Naku, ...	6	12,000	Cross the Spiti river.
7	Chango, ...	8		
	Lapcha Ghati,		13,628	
8	Somra, ...	14		Recross the Spiti river at Shalkar 10,270.
9	Tabo, ...	9		A Buddhist Monastery.
	Better Route. {	Chango to		Cross Para river.
		Jhando, ...	12	
		Lari, ...	10	
		Tabo, ...	5	
10	Pokh, ...	6		
11	Dankar, ...	8	12,774	Fort, Monastery and large village.
	Total, ...	107		

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

Routes in the WESTERN-HIMALAYAS, KASHMIR, &c. 11

NO. 12. DALHOUSIE TO CHAMBA; BY CHEEL.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Dalhousie by Cheel to ...	22	6,740	Bungalow to be built. By lower road, Dák Bungalow. Supplies plentiful.
	Chamba, ...		3,033	
	Total, ...	22		

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

1	Dalhousie to Kujear, ...	10	6,740	Dák Bungalow. The road crosses Batri Galli and passes through the Kala Top forest; very steep descent to Chamba. Supplies plentiful.
			6,000	
2	Chamba D.B., ...	7	3,033	

NO. 14. DALHOUSIE TO DHARMSALA; BY CHUARI.

1	Dalhousie to Chuari, ...	16	6,740	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
			5		Dharmśála, ...	13
	Total, ..	57		Encamping ground. Dák Bungalow.		

NO. 14A. GANGOTRI TO JUMNOTRI; BY LOWER ROUTE VIA BARSU.

1	Gangotri to Janglia, ...	12	10,150	} See Route No. 40A.
			8,600	
			8,200	
			6,500	
4	Barsu, ...	13	7,500	From Dangalla follow forest road towards Batwari till within about 3 miles of that place, then after crossing a planked bridge, height 5,350, over a tributary torrent, climb up the steep path to Mirari village (6,500 feet). Then still up through fields, where encamp by a running stream near village.
			11	
5	Camp, ...	11	10,800	Steep climb up face of hill and then through forest. Cross ridge (11,900 feet) and pass one or two small tarns, then descend steep rocky path and encamp in open glade on spur of hill. Water near. Take water up the ascent for use on march.
6	Naogong, ...	12	7,100	Descend spur. Pass Agora village, then climb another spur, height 8,400, then descend and camp in fields near the village.
7	Sameria Camp,	6	10,700	Climb face of hill sometimes along narrow ledges of precipices and camp in open glade in the forest on S. side of ridge above Naogong. No supplies. Water very scarce (October).
	Carried over,	76		

NOTE.—D.B. indicates Dák Bungalow.

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

NO. 14A. GANGOTRI TO JUMNOTRI; BY LOWER ROUTE VIA BARSU.—(Continued).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	76		
8	Nishni or Nisa,	12	7,900	Ascend spur through forest and then cross the Ancha Pass. Then descend and follow stream to Nisa village. Camp near junction of two torrents with the Jumna river.
9	Kharsali, ...	8	8,600	Descend to torrent, then a stiff climb almost to summit of bluff (9,100), then through lovely forest till the terraced fields near Kharsali are reached, on left bank of the Jumna. Camp in fields beyond village.
10	Jumnotri Temple,	6	10,300	Start early and take a guide with men used to climbing, from Kharsali, with axes, bill hooks and ropes. Cross and re-cross the Jumna at convenient places, keeping chiefly on its right bank till a tributary torrent, height 9,300, from westward is reached, after passing warm springs. Follow up this torrent and climb up steep wooded hill. Climb up Bairughát, 11,500, then descend slippery path to just above the temple and hot springs. Return to Kharsali before night falls along bed of Jumna. See Route No. 40B.
	Total, ...	102		

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

1	Gurais to Bangla, ...	10	7,800	Cross Kishenganga river by bridge three times. Camp on a terraced field. No village.
2	Gotumung or Gotunai, ...	8	10,300	Ascend the grassy slope of the range. Fuel and water procurable at camp. No shelter.
3	Kájenmár, ...	8	11,500	Wood and water, but no shelter. Cross the Kamri Pass 13,500 ft. Ascent easy, descent more steep. Pass closes in winter and opens at end of May.
4	Loynhadol, ...	10		Pass stream from Gajai on left at 6½ miles. Camp at junction of two large streams in a wood.
5	Phakarkot, ...	9		Pass Marmai at 3¼ miles, Ispi at 4 miles on left bank, Gumai at 5 miles and Dirli at 5½ and 6½ miles.
6	Chugaon, ...	10		Pass Chain or Sain on right bank of stream at 3 miles, then cross the stream that comes from Mir Malik at Rotu, a small village (8,500 ft.) at 6 miles.
7	Gurukot or Gúrikot, ...	10	7,800	Cross the Tashing stream by bridge at 2½ miles and afterwards the Astor river by bridges at 4¼ and 6 miles.
8	Astor Fort, ...	7	7,840	At 5 miles pass the garden at Idgah, the residence of the Rájah. Troops are garrisoned outside the fort of Astor.
	Total, ...	72		

This route is easy during summer and autumn. The bridges are not always passable during the floods.

NO. 15A. GURAIIS TO ASTOR; BY THE BURZIL OR DORIKHUN PASS.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Gurais to Bangla, ...	10	7,800	As in No. 15.
2	Burzil, ...	15	11,300	A hut. Wood and water procurable. Pass Mapnun Baz (9,200 ft.) at 8 miles and Mia Marg (9,700 ft.) at 11 miles. From this, after an ascent of about 5 miles, the camp is reached.
3	Sirdar's Chauki,	11	12,300	A hut. Wood and water procurable. Ascend 6 miles (= 2 hours) to the crest of the Burzil or Dorikhun Pass, 13,500 feet. The chaukis or huts at Burzil and at this stage are hidden by snow in winter and spring.
4	Khirim, ...	13	10,500	A small village. At about 5 miles pass Chilan Chauki (11,500 ft.) in a small pine wood; at 10 miles pass the small village of Das.
5	Godhai, ...	8½	9,100	A village.
6	Naogám, ...	7	9,300	Village on a plateau.
7	Astor Fort, ...	10	7,840	Steep descent to the cultivation on left bank of Astor stream which cross by bridge near the fort.
	Total, ...	74½		

NO. 16. GURAIIS TO MOZAFERABAD; BY THE KISHENGANGA VALLEY.

	Gurais to		7,800	
1	Bakthnor, ...	15		No supplies. Fuel and water procurable just below camp.
2	Geshurt, ...	4		
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 Zomindhar 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	10		Steady ascent of about 3,000 ft. and then descent of about 2,800 feet.
8	Kothi, ...	11		On left bank of Kishenganga river. Supplies procurable. Cross a pass about 5,000 ft. above level of Shardi.
9	Shardi Fort, ...	12		A hamlet. Road leads over the Kishenganga river by the zampa (suspension bridge).
10	Dúdnial, ...	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.
	Tali Lohát, ...	13		
	Carried over,	99		

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

NO. 16. GURAI8 TO MOZAFERABAD; BY THE KISHENGANGA VALLEY.—(Continued).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	99		
11	Lalla, ...	9		Supplies procurable. Road in parts along the Kishenganga river. Cross the Babun-ka-katta stream by a bridge.
12	Darral, ...	8		A village. Very scanty supplies procurable. Encamping ground on bank of Kishenganga river.
13	Baran, ...	10		A village on bank of Kishenganga river. Supplies procurable. Road stony. A road leads hence to Mozaferabad by way of Titwal.
14	Chaugalli, ...	6		Supplies not procurable.
15	Balugran, ...	8		Supplies are procurable. Cross a pass from which the Chúnq 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	Mozaferabad, ...	12	2,470	Báradari. Pass the town of Kúri. March long and hot, but may be broken at Kúri.
	Total, ...	163		

NO. 17. GURAI8 TO TILAIL.

1	Gurais to Zudgai, ...	16	7,800	Cross branch of Kishenganga by wooden bridge.
2	Bulgani, ...	8		Cross Chakbut Pass.
3	Tilail (Budab), ...	12		Thana; thence to Dras 4 marches = 45 miles by Kombul Pass.
	Total, ...	36		

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

1	Hasan Abdal to Haripur, ...	19	1,396	Dák Bungalow.
2	Abbotabad, ...	22	4,166	Can halt at Chamba after 10 miles.
3	Munseru, ...	16		Carrriage road.
4	Garhi D.B., ...	16		Garhi to Kághán 4 marches = 51 miles; cross the Nainsookh river near Garhi by trussed bridge.
5	Mozaferabad ,,	10	2,470	Road fair. Supplies abundant. Cross the Kishenganga by boat, or by a rope bridge.
6	Hattian ,,	17		Good road. Supplies procurable.
7	Kanda ,,	11		Road rather rough. Supplies procurable.
8	Kathai, ...	12		Do. do.
9	Shahdera, ...	12		Do. do. Steep ascent and descent. Bungalow.
10	Gingl, ...	12		Road rather rough. Supplies procurable. Bungalow.
11	Baramula, ...	19	5,250	Road good. Dák Bungalow.
12	Patan, ...	14		Do. Supplies procurable.
13	Srinagar, ...	16	5,235	Do.
	Total, ...	196		

NOTE.—D.B. indicates Dák Bungalow.

NO. 19. HOSHIARPUR TO KANGRA AND DHARMSALA.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Hoshiárpur to Gugret, ...	16	1,066	Jalandhar to Hoshiárpur 23 miles, about 4 hours by horse dák : dooly dák must be used for the remainder. Dák Bungalow and encamping ground.
2	Pharwain, ...	12		Dák Bungalow (Session's house). Encamping ground.
3	Gopálpur Dehra,	16		Dák Bungalow. Cross Beas by bridge of boats.
4	Kangra, ...	14	2,419	Do. Fort, civil station, &c.
	Bhagsu, ...		4,058	Cantonment at 11 miles from Kangra.
5	Dharmśála, ...	16	6,111	Dák Bungalow, cart road all the way.
	Total, ...	74		

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

1	Inshin to Pihlikan, ...	5	8,143	Encamping ground. Cross Wardwan river by bridge. A few juniper bushes for fuel.
2	Timmeran, ...	8		Village. Cross the Rial Pawas Pass, impracticable for laden animals.
3	Tserpúra, ...	8		Village. Pass several villages <i>en route</i> . Supplies procurable.
4	Achabal, ...	8		A large village. Pass several villages <i>en route</i> .
5	Islamabad, ...	6		Town. Road good.
	Total, ...	35		

NO. 21. ISLAMABAD TO AMRNATH.

1	Islamabad to Eishmakan, ...	12		Supplies procurable; road broad and level.
2	Palgan, ...	12		Scanty supplies; good road through forest, almost level. Pass Ganeshtal.
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		

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

NO. 22. JALANDHAR TO PUTHANKOT; BY DASOHAH.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Jalandhar to		900	
1	Kala Bukra, ...	14		
2	Tandah, ...	15		Cross Beyn twice, ford or ferry, an unmade road. Bungalow and encamping ground, Sarai.
3	Dasohah, ...	13		Dák Bungalow.
4	Mokerian, ...	13		
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.

	Jhelam to		827	
1	Chainchi, ...	11		Ferry of Katiali. Cross the river Jhelam.
2	Mírpur, ...	11	1,236	
3	Chaomuk, ...	10	1,202	Supplies scarce.
4	Biari, ...	7		
5	Sensar, ...	14		Supplies procurable.
6	Kotli, ...	15		Báradari. Supplies plentiful.
7	Saira, ...	14		Supplies procurable.
8	Púnch D.B., ...	16	3,300	Do.
9	Kahuta „ ...	9		Cross a river. Supplies procurable.
10	Aliabad „ ...	8		Supplies and coolies scarce.
11	Uri „ ...	17	4,450	Cross the Hnji Pir Pass 8,500 ft. above the sea. Supplies plentiful.
12	Naoshera „ ...	14		Supplies procurable. } In returning from
13	Baramula „ ...	9	5,250	Do. } Kashmir, it would
14	Patan, ...	14		Road good. Sup- } be preferable to go
15	Srinagar, ...	16	5,235	plies procurable. } from Uri to Hy-
	Total, ...	185		Do. } drabud Sarai and
				or Kahuta.

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

	Jhelam to		827	
1	Dúlin, ...	14		Road good. Supplies procurable.
2	Tangrot, ...	14		Ferry. Supplies scarce.
3	Chaomuk, ...	10	1,202	There is a direct path to Kotli, difficult and not fit for laden ponies. Supplies scarce.
15	Srinagar, ..	153	5,235	See No. 23.
	Total, ...	191		

NOTE.—D.B. indicates Dák Bungalow.

NO. 25. JAMOO TO PUTHANKOT; BY JASROTA.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Jamoo to		1,310	
1	Ishmailpur, ...	11		
2	Samba, ...	13		
3	Aleh, ...	12		
4	Jasrota, ...	12		
5	Kuttoah, ...	12		
6	Puthankot, ...	12		Hotel and Sarai. See No. 4.
	Total, ...	72		

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

	Kangra to		2,419	
1	Nagrota, ...	10	2,808	
2	Bawaneh, ...	10	3,192	
3	Baijnáth, ...	10	3,337	Dák Bungalow and encamping ground.
4	Dalu, ...	12		Bungalow, Mandi Rája's.
5	Jutingri, ...	14		Do. Do.
6	Budwani, ...	15		Do. Do.
	Bubu Pass, ...		10,000?	
7	Kuraun, ...	10		Do. Do.
8	Sultánpur, ...	10	4,043	Capital of Kulu. Encamping ground and D.B.
	Total, ...	91		

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

	Kangra to		2,419	
4	Dalu, ...	42		As in Route No. 26.
5	Fatakál, ...	15		
6	Jagru Kupru, ...	12		
7	Komand, ...	7		
	Dulchi Pass, ...		6,000?	
8	Bajuora, ...	14		Dák Bungalow.
9	Sultánpur, ...	10	4,043	Encamping ground and D.B.
	Total, ...	100		

NO. 28. KANZILWAN (N. OF WULAR LAKE) TO ASTOR; BY BURZIL AND MARMAL.

		Koss		
	Kanzilwán to		7,400	A villago in Gurais on left bank of the Kishengnga river.
1	Gagai, ...	6	10,740	Pass Thuobat villago.
2	Burzil, ...	4	11,300	No villago, a chauki.
3	Ríat, ...	4		
4	Marmal, ...	5		A small villago.
5	Chugnoon and Maitsi, ...	6		About 30 houses in two villagos. See No. 15.
6	Gúrikot, ...	5	7,800	A villago of 20 houses. See No. 15.
7	Astor Fort, ...	3	7,840	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 Gagai.

NOTE.—D.B. indicates Dák Bungalow.

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

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

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Kishtwar to		5,000	
1	Bagra, ...	12		Hardly any supplies.
2	Pyas, ...	9		Road bad, no supplies.
3	Sidrari, ...	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	Golábgarh, ...	4		Small fort. Road by Padar and Zaskar leads from hence to Leh. Cross Chandra Bhaga to right bank.
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	8,411	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		Cross Chandra Bhaga river to left bank.
15	Margraon, ...	13	8,755	Coolies and supplies procurable. Recross the same river to right bank by a wooden bridge.
16	Triloknáth, ...	9	9,566	Coolies and supplies procurable. Temple visited by many pilgrims. Cross again to left bank at Chaling by a wooden bridge.
17	Jarna, ...	11		Supplies scanty. Cross again to right bank at Almuth.
18	Tandi, ...	11		Supplies and coolies procurable.
19	Kailing, ...	8		
20	Kulang, ...	10		A village in Lahaul.
	Total, ...	186		

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

	Kishtwar to		5,000	
11	Sauch, ...	95	7,886	See No. 29.
12	Lechu, ...	10		Hardly any supplies.
13	Bataor, ...	8	11,633	No supplies. Road easy.
14	Leias, ...	7		Do. and no fuel. Road easy.
	Gardhar Pass,		18,000	
15	Chirpat, ...	16		Cross 3 miles of glacier and pass. No supplies.
16	Miyar, ...	6	10,215	No supplies. Easy road.
17	Udapur, ...	12		Very bad road. Supplies scanty.
18	Triloknáth, ...	4	9,566	Temple. Supplies abundant. Road good.
				See No. 29.
22	Kulang, ...	40		See No. 29.
	Total, ...	198		

NO. 31. KISHTWAR TO WARDWAN.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Kishtwar to Phalma, ...	6	5,000	Cross Chandra Bhaga river by rope bridge; encamp near stream, as water near last houses is bad.
2	Ekali, ...	14		Two 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 river to right bank near Zand.
5	Petgam, ...	13		Road better, a few bad places, not practicable for ponies, cross to left bank. Petgam is in Maru.
6	Camp (in jungle),	11		Road good; encamp on level spot on left bank
7	Inshin, ...	9	8,143	Road good; bridge here. No supplies.
	Total, ...	84		

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

1	Landour to Phedi, ...	11	7,362	Roof of hospital. Reckoning from Landour Hospital. The route is along the Tiri road to Suakoali for nearly 6 miles, when it turns abruptly down a ravine to the north, a steep descent of nearly a mile, then it runs along the hill side with a gradual descent to camp.
2	Bhalah, or Maurannah (Mararah)	12 or 15	5,700	During the wet season, Bhalah, the site of an old rest-house opposite the village, or Maurannah would be the best to encamp on, as the fields at Mararah will probably be very wet. The road descends gradually from Phedi into the Aglar Valley, up which it goes on to camp. Maurannah is on the crest of the hill and is good to encamp on.
3	Laluri, ...	10	4,000	From Bhalah, or 7 miles from Maurannah. After a short walk on hill side through oak forest, a steep descent to camp. A fine view of snowy range if sky is clear in the morning. Not much riding either on this or the last march.
4	Dharaseu, ...	8	3,300	Steep descent to cross two streams, then a stiff ascent of $\frac{2}{3}$ of a mile, then along hill side and turn up the Bhagirathi Valley and a very gradual descent to the broad cultivated valley and through the fields to camp at junction of a smaller stream with the Bhagirathi. A little way above is a forest bungalow. From the streams below Laluri a pony may be ridden most of the way to camp.
	Carried over,	41		

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

NO. 32. LANDOUR TO GANGOTRI, AND ON TO GLACIER; BY OLD ROAD.—(Continued).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	41		
5	Dhúnda, ...	10	3,400	Along the forest road by hill side about $\frac{1}{2}$ mile above river. Then through the old fields. An easy march without ascent or descent.
6	Baraháth, or Kota ...	12 or 13	3,000	Much the same as the preceding march, but just before reaching Baraháth a landslip has carried away the road and a long detour has to be made up the hill and down the other side to pass this obstacle. Baraháth is the camping ground, but there is a forest bungalow at Kota, a mile further on.
7	Moneri, ...	11 or 10	4,600	Much the same as the two preceding marches, without ascent or descent. Except where the road has been carried away it is all riding ground now, up to the highest village on the route.
8	Batwári, ...	11	5,300	Much the same as the preceding, the road keeping near the Bhágirathi. Forest bungalow. Hill shoes procured here.
9	Dangalla, ...	11	6,500	The country begins to get wilder as you go along and the valley narrows. Cross the Bhágirathi on a wire suspension bridge half-way and recross two miles below camp. Shortly after the last crossing you pass the Huri hot springs on the opposite side of the river. The water is 140°, and contains <i>magnesia</i> , <i>iron</i> , <i>soda</i> , and it is believed lead. Camp either on right or left bank of river as one likes.
10	Súki, ...	10		One can go on to Jalah two miles further on, where is a small rest-house of the Forest Department. Mr. Wilson's house three miles beyond Jalah, at Harsil. This, before the forest road was made, was the worst march up the valley. Cross and recross the river by two wire suspension bridges. All below Súki the valley is narrowed almost to a chasm in one place then it opens out again. Three miles of ascent to Súki.
11	Darali, ...	9		For a mile and more still up hill (over a very big landslip) and then a gradual descent to Jalah, and onwards near the river which now runs in a wide sandy channel to Harsil, a little beyond which place cross the Bhágirathi again and go along near it through <i>decodar</i> and <i>pine</i> forest to Darali, the last village on the route. Here leave any extra baggage and make arrangements for supplies either to be taken or forwarded.
	<i>Carried over,</i>	115		

NO. 32. LANDOUR TO GANGOTRI, AND ON TO GLACIER; BY OLD ROAD.—(Continued).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	115		
12	Bairamgháti, ...	9		Road pretty level through deodar forest near the river to Janglia, where again cross the river to right bank. Here is the end of the forest road and a bungalow for the foresters. Onwards from Janglia only a Pahári's road and not fit for a pony. Scenery wild. Just before reaching camp cross a wire suspension bridge 300 feet long and 400 feet above surface of water.
13	Gangotri Temple,	9	10,150	Little ascent or descent, but gentle rise of about 1,500 feet or more altogether. Nothing to see at temple, not even a good view of the snow. Take the camp up to within (say) 3 miles of the glacier, so as to walk several miles up it or along side of it the next day and return to camp. Scenery very grand.
	Total, ...	133		
14	Camp, ...	8, or 10, or 12		One may camp at 8 or 10 or 12 miles at pleasure. Glacier itself is about 16 miles from Gangotri. No made path to foot of glacier. Very rough walking over boulders and along landslips.
15	Gau-mukh and back to Camp,	8, or 6, or 4		Five miles to Gau-mukh, over boulders in river bed and along the bank; no track. Bhágirathi river issues from a cave in the ice of the glacier, which cave, in Hindu mythology, is called Gau-mukh (cow's mouth) whence the hill derives its name.
	Grand Total, ...	149		

NOTE.—Darali to Níla Valley. If the Gumti river is low, the shortest route is to go down to Harsil and up the Gumti, on its right bank, for about 4 miles, make a bridge and cross the river and up the hill a couple of hundred yards to the main road. The main road goes first from Darali down to the bridge, across the river near Harsil, then strikes off to the right, goes a little way up the Makba side and crosses the Harsil river about a mile up the Kokra Valley. There is then a very stiff ascent of two miles up the hill and then along it for a mile and then a gradual descent into the Níla Valley to camp either at Bankara or Murahaur or make two marches, first to Bankara and next to the Phulaldarru hill itself.

NO. 33. LEH TO CHANGCHENMO; BY CHANGLA.

1	Leh to Tikae, ...	10	11,532	Traveller's bungalow and rest houses.
2	Chimre, ...	15	12,000	Village on the river Indus.
				Village and Monastery. Stores and coolies procurable.
	Sakti, ...		13,500	Village.
3	Zingrul, ...	8	15,800	Site of a deserted village.
	Changla Pass,		18,000	Gradual ascent and descent.
	Carried over,	33		

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

NO. 33. LEH TO CHANGCHENMO; BY CHANGLA.—(Continued).

No. of Marches.	Names of Halting places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	33		
4	Tsúltak, ...	8	16,000	North of small tarn.
5	Taukse, ...	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 or Tsomonang-la-re 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	Pamsal, ...	13	14,800	In Changchenmo valley.
11	Kiam, ...	11	15,400	Do. Hot springs.
	Total, ...	123		

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

	Leh to		11,532	
11	Kilang, ...	159		See No. 38 (11 marches).
12	Topoh, ...	14		Cross the Bara Lachu Pass (16,060 feet) and follow the left bank of Chandra river.
13	Topoh, ...	9		
14	Chundra Dal, ...	14		
15	Titi (in Spiti), ...	9		Cross the ridge.
16	Losar, ...	8	13,395	Cross Lichu stream to right bank.
		213		

NO. 35. LEH TO SHAHDULA; BY CHANGCHENMO

	Leh to		11,532	
10	Pamsal, ...	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 Shumal	12	17,000	Pass hot springs; little fuel and grass to be had.
	Lungpa, ...		19,300	Easy slopes.
	Chang Lung Burma 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	
21	Camp, ...	18	13,000	
22	Kyang Maidán, ...	14	12,900	} Along Karakash river; grass and fuel.
23	Gúl bashem, ...	18	12,400	
24	Búlakchi, ...	10	12,300	Do. do. cross the Karakash river.
25	Shahdúla, ...	13	11,800	Do. do. ford dangerous in summer.
	Total, ...	350		

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.
	Leh to		11,532	
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.
13	{ Camp Pang-tong south of Changchenmo range, Changlung Pass,	20	17,300	Fuel and grass.
	{ Camp Sum-zumling north of Changchenmo range, }		18,900	Steep ascent, easy descent.
14	{ Camp Sum-zumling north of Changchenmo range, }	15	17,300	Very bad and difficult road. No fuel and no grass.
15	Sumdo, ...	25	17,300	Cross Kampás-La 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 } { Donglung, }	12	17,000	March along Karakash river.
17	Kizil Jilga, ...	14	16,400	Some fuel, but grass distant.
18	Khush Maidán,	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 Jilga, ...	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	N.B.—Hayward gives another variation
22	Chibra, ...	11	16,480	leaving the Lingzi-thung route
	Súget Pass, ...		17,600	(see No. 35) at Búrsi and joining
23	Súget, ...	19	13,000	the above route at Kizil Jilga;
24	Shahdúla, ...	8	11,800	this is shown in the Map, as is
				also Hayward's route down the
				whole course of the Karakash.
	Total, ...	316		

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

	Leh to		11,532	
1	Ganles, ...	5	13,500	
2	Camp, ...	8	15,000	Steep ascent.
	Khárdung Pass,		18,000	or Láoche Ln.
3	Khárdung Village,	14	13,500	Cross a small portion of glacier on the Khárdung side.
4	Satti vil., ...	7	10,500	Cross the Shyok river.
5	Tirit vil., ...	6	9,800	
6	Tagur vil., ...	9	10,500	Stores procurable.
7	Panamik vil., ...	13	11,000	Do.
8	Changlung vil., ...	11	10,800	Do.
9	Tutiylak, ...	11	13,000	Cross Kuráwaldawán ridge.
	Súser Pass, ...		17,800	
10	Brangsa Súser,	15	15,400	Cross a glacier which at one place is difficult until a path is prepared.
	Carried over,	99		

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

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

No. of Marches.	Names of Halting places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	99		
11	Búlak-i-Múrghi,	11	15,100	
12	Kazil Angúr, ...	16	16,700	
13	Daulat Begúldi, Karakoram Pass,	20	16,900	An easy slope on both sides.
14	Brangsa, ...	22	16,500	
15	Wahab Jilga, ...	19	16,000	
16	Malikshah, ...	15	15,300	
17	Chibra, ...	11	16,480	At halting places from No. 10 to No. 17 both inclusive, there is a difficulty as to wood and grass which are altogether wanting at 12, 13, 14 and 15.
	Súget Pass, ...		17,600	
18	Súget, ...	19	13,000	
19	Shahdúla, ...	8	11,800	
	Total, ...	240		

NOTE.—Winter route, when Khardúng Pass is closed.

Leh to				
Sabu, ...	8			
Polu, ...	4			
Digir, ...	13			Cross Digir Pass.
Satti, ...	8			

NO 38. LEH TO SIMLA ; BY SULTANPUR.

1	Leh to Shushot vil., ...	11	11,532	Cross R. Indus at Choglumsair by bridge. Goláb-bágh rest-house ; stores procurable.
2	Marsalang vil.,...	12	12,200	Atta-bágh. Rest-houses and supply depot ; stores procurable.
3	Upshi vil., ...	11		Stores procurable.
4	Gya vil., ...	16		Rest-houses and supply depot. Stores procurable.
5	Debring, ...	15		Generally a Tartar or Boti camp. Cross the Takalang-La Pass, height 18,042 feet.
	Zara, ...			Plenty of water all the summer.
6	Rukehen, ...	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 (Lachalung), ...	20		At foot of pass : cross the Lachalung Pass (16,630 feet).
10	Sarchu (Lingti),	20		Sumdo ; cross the Tsarup R. by new bridge. Sarai.
11	Kanun or Kilang,	17		
12	Zingzingbar, ...	12		From near Suraj Dal follow the course of the Bhaga and cross it to L. bank ; good camping ground 5 or 6 miles beyond.
	<i>Carried over,</i>	171		

NO. 38. LEH TO SIMLA; BY SULTANPUR.—(Continued).

No. of Marches.	Names of Halting places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	171		
13	Patsio, ...	7	12,464	Cross the Bhaga river by a bridge (12,464 feet) to right bank. Supplies and water procurable.
14	Darcha vil., ...	11	10,844	Running down the right bank cross the Bhaga to left bank.
15	Kolang, ...	11		Residence of Tarachand, Magistrate, at Kangaur, 1 mile short of Kolang.
16	Kardang (Kail- ing), ...	12		Cross to left bank of Bhaga R.; Bungalow (mission).
17	Gandla, ...	10	10,300	Follow up the source of the Chandra river along the right bank.
18	Sisu, ...	8	9,988	Cross Sisu stream by a bridge.
19	Koksir vil., ...	9	10,261	Right bank of Chandra R., Lahoul District. Steep ascents and descents occasionally. Supplies and fuel scarce, water procurable.
*20	Rahla vil., ...	14	9,000	Cross Rotang Pass (13,000 feet).
21	Pulchun vil., ...	12		
22	Jagat Sak vil., ...	10	5,985	Pass hot springs.
23	Nuggar vil., ...	9	5,780	Bungalow. Asst. Commissioner lives here.
†24	Sultanpur, ...	13	4,043	Bungalow. Capital of Kulu.
25	Bajaora, ...	9		Dák Bungalow.
26	Larji, ...	12		Bungalow. Cross the Bias R. below Bajaora near Badul to left bank, and the Sainj R. near Larji, both by bridges.
27	Manglaor (Plach).	8	5,718	Cross and recross the Chata R.
28	Jeebhi or Rasala,	9		Cross a large tributary stream.
†29	Kot, ...	11		Cross the Jalori Pass.
30	Dularsh, ...	16		Steep ascent; cross a ridge.
31	Kotgarh, ...	13½		Cross R. Sutlej by bridge; very steep descent and ascent.
32	Narkanda, ...	11		
33	Matiana, ...	11	7,700	Dák Bungalow. or from 29 Kot Supplies procur- to Choi..... 9 able. Dila..... 9 Narkanda... 17 Miles
34	Theog, ...	11	7,400	
35	Fagu, ...	5½	8,300	Dák Bungalow.
	Mahasu, ...			Dák Bungalow on new road, (old Bungalow sold).
36	Simla, ...	12	7,084	
	Total, ...	426		

* Or from Rahla to Miles } † or from Sultanpur to Miles } ‡ or from Kot to Miles }
 Bisisht = 11 } Hurla = 11 } Choi = 9 }
 Nuggar = 13 } Larji = 10 } Dularsh = 7 }

NO. 39. LEH TO SKARDO; BY CHORBAT.

1	Leh to Basgo, ...	20	11,532	As in alternative route (see overleaf). On right bank of Indus R. Rest-house and supplies. Passing Pituk at 7 and Snemo at 19 miles; between these 2 villages there is a long ascent and a short descent.
	<i>Carried over,</i>	20		

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NO. 39. LEH TO SKARDO ; BY CHORBAT.—(Continued).

No. of Marches.	Names of Halting places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	20		
2	Hemis, ...	16		Situated on an elevated plateau, supplies and water procurable. Cross several streams.
3	Kálsi or Khálsi or Khalatzi,	15	10,130	On right bank of Indus; rest-house; supplies and water plentiful.
4	Skirbuchan, ...	16		On right bank of Indus.
5	Hanu (upper vil.),	17		Follow the course of the Indus by the right bank down to junction of Hanu river with it and then take up the course of Hanu by its L. bank; cross it at Yogma Hanu.
6	Camp, ...	10		South of pass.
7	Pián (Chorbat),	21		Cross pass, height 16,700 feet.
8	Dau, ...	9		
9	Sarmu, ...	10		
10	Kapalu, ...	7½	8,400	
11	Karku, ...	8		Cross Shyok river by rafts.
12	Kúru, ...	16		Change coolies at Kanis.
13	Kiris, ...	9	7,560	
14	Narh, ...	14		Right bank of Indus.
15	Skardo, ...	17	7,700	Cross by boat to left bank of Indus.
	Total, ...	205½		

Alternative Route from Leh to Kálsi.

Leh to	...		11,532	
Phiang,	...	8		Rest-house. Supplies procurable. New halting place.
Nemo,	...	8		Rest-house. Supplies procurable.
Basgo,	...	4		Ditto.
Suspul,	...	12		} Ditto. { On right bank of Indus river.
Nurla,	...	17		
Kálsi or Khálsi or Khalatzi,	...	8	10,130	
Total,	...	57		

NO. 40. LEH TO SKARDO ; BY LOWER ROAD ALONG THE INDUS.

	Leh to		11,532	
4	Skirbuchan, ...	67		See Route No. 39. [to Chorbat.
5	Hanu (below vil.),	14		Right bank of Indus R. Better road hence
6	Oordas, ...	16		" " "
7	Marol, ...	21		" " About a mile below the confluence of the Indus and Shingo Shigar. Difficult path, not fit for ponies.
8	Kartaksho, ...	20		Right bank of Indus R.
9	Tolti, ...	12		Left bank of Indus R; re-cross R. Indus by rope bridge.
10	Parkuta, ...	14		" " "
11	Gol, ...	13		" " About 4 miles below junction of Shyok with the Indus.
12	Kepchang, ...	17		" " "
13	Skardo, ...	4	7,700	" " "
	Total, ...	198		

NO. 40A. MASURI TO GANGOTRI; BY FOREST ROAD: AND ON TO GLACIER.

No. of Marches.	Names of Halting places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
1	Masuri to Dhanolti, ...	16	6,599 7,600	Top of library. On the Tiri road. Pass Jalki at 7 miles. Steep ascent to Toptibba. Old Bungalow partly in ruins. No supplies.
2	Kána Tál, ...	8	8,000	Chauki. No supplies. Water scarce. Better to go on to Kaudia Gali.
3	Kaudia Gali or Kauria Gali, ...	6	6,800	Rest-house. Steep ascent over Sirkanda to Kána Tál, then descent of 3 or 4 miles. Preferable to encamp although space is confined. Spring close at hand.
4	Baur, ...	7	4,700	Shady for the first mile, then descend along the side of a bare spur for about 5 miles, where the Tiri road is left on the right.
5	Kaliasera, ...	8	4,200	Turn up right bank of a tributary of the Bhágirathi river and encamp on road. No supplies. Water plentiful.
6	Cham, ...	11	2,700	Join Tiri road in Bhágirathi valley about 2 miles from camp. Instead of turning off to Baur, the road to Tiri might be followed and thence in another day's march by the lower road almost direct to Cham. No supplies. Báradari on hill side but preferable to encamp. Valley more open.
7	Dharássu, ...	10	3,300	Forest Bungalow. Road up tributary towards Jumnotri. No supplies, so perhaps it is better to encamp 1 mile short of Dharássu, at Thona village, height 3,150.
8	Dhúnda, ...	10	3,400	Valley very narrow. Hills precipitous. No supplies.
9	Báraháth, ...	12	3,900	Cross several torrents. Rope bridge over Bhágirathi river near Báraháth on road to Kidárnáth. Valley open near confluence of rivers.
10	Moneri, ...	11	4,600	Pass Forest Bungalow about 2 miles from Báraháth. Small Báradari. No supplies.
11	Batwari, ...	11	5,300	Forest Bungalow. Narrow gorge approaching Batwari.
12	Dangalla, ...	11	6,500	At about 3 miles pass path by Barsi towards Jumnotri. Cross the Bhágirathi river for the first time, by suspension bridge, then about 3 miles further re-cross to right bank by wire bridge. Pass sulphur springs on hill side.
13	Jalah, ...	12	8,200	Cross Bhágirathi river by wire bridge, then re-cross at about 2 miles, again cross and then re-cross on wire suspension bridges, after which wind up Sáki ridge, height 8,800, and then descend to Jalah. Bungalow and small Báradaris. Small granary in village, but other supplies scarce. Higher route to Jumnotri <i>via</i> Bandar-punch starts from Sáki.
14	Junglia, ...	10	8,600	At about $\frac{1}{2}$ mile cross broad shallow torrent and at about 3 miles more pass Mr. Wilson's Bungalow at Harsil, height 8,200. Cross Bhágirathi river to left bank and at about 6 miles pass Derali village, the last on the road, whence take provisions (scarce) and men for clearing a path beyond Gangotri. Forest road stops here (1877).
	Carried over,	143		

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

NO. 40A. MASURI TO GANGOTRI; BY FOREST ROAD: AND ON TO GLACIER.—(Continued).

No. of Marches.	Names of Halting places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	143		
15	Gangotri Temple,	12	10,150	Steep ascent and descent. Cross the Jat Ganga at about 3 miles by wire suspension bridge, height 9,600. Very rough path, dangerous in parts. Báradaris for pilgrims. Temple very small.
	Total, ...	155		
16	Camp, ...	4	10,900	No path. Follow river bed, turn up hill sides and cross land slips to avoid torrent, &c. Axes and bill hooks and ropes ought to be taken to help advance. Camp in birch and fir jungle on right bank.
17	Camp, ...	4	11,600	Keep in preference up the river bed as far as possible. Make log bridges if torrent is not fordable. Camp on left bank.
18	Glacier and back to camp, ...	16		Troublesome march up river bed or across land slip. Very little vegetation of any kind. Start early and be back in camp before night. If necessary move camp about 2 miles higher up to clump of birches called 'Birch hut'.
	Grand Total, ...	179		

See also Route No. 32, from Dharássu to the Glacier.

NO. 40B. MASURI TO JUMNOTRI.

1	Masúri to ...	10	6,599	Top of library.
2	Camp, ...	14	5,700	No supplies. Water scarce.
2	Bhalah, ...	14	5,700	Pass Phedi village. Supplies scarce. Camp on right bank of stream near some ruined huts, opposite the village. Road through gorge and along bed of stream, then steep ascent to camp.
3	Lalúri, ...	10	4,000	Cross Nágtibba range and then descend. Camp in fields. Supplies scarce. No water <i>en route</i> .
4	Dharássu, ...	8	3,300	Descend to stream, then turn spur and follow forest road from Birothi village.
5	Camp near Gihangar, ...	8	4,100	Easy march, but hot.
6	Camp at foot of ascent, ...	12	5,100	Stiff ascent to crest of Boak hill, height 7,400, and then descent to camp. Hills cut into terraces for cultivation. No supplies.
7	Kutnar, ...	11	5,300	Descend and follow left bank of a stream north of Nadgaon up to left bank of Jumna river, then ascend the river, and camp between village and river. Supplies scarce. Rice fields all about.
8	Ujri, ...	6	5,800	Cross Jumna to right bank. Camp near ravine. Supplies scarce.
	Carried over,	79		

NO. 40B. MASURI TO JUMNOTRI.—(Continued).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	79		
9	Rána, ...	6	7,000	Cross Jumna to left bank at 4 miles from Rána. Camp in field between village and river. Supplies scarce.
10	Kharsali, ...	11	8,600	Cross Nisa stream, and cross and re-cross Jumna river several times (October) by log bridges, and camp on left bank near Kharsali.
11	Jumnotri Temple, ...	6	10,300	Rough and dangerous march in several places. Cross and re-cross stream several times either by fording or by temporary log bridges. No camping ground at Jumnotri. If Bandarpunch or Sameria is to be climbed, send small tent and supplies a day or two beforehand to a spot near the source of the Jumna. Take a guide and several men. There is a 2nd or alternative route from Kharsali to Jumnotri, by ascent to the ridge above and then steep descent of about 1 mile. See Route No. 14A.
	Total, ...	102		

NO. 41. MASURI TO SIMLA; BY CHAKRAOTA (NEW ROAD).

1	Masuri to Lakwar D.B., ...	15	6,599	Top of library. [plies plentiful. Cross Jumna by suspension bridge. Sup-
2	Naglat R.B., ...	7		Road good. Supplies procurable.
3	Pokri, ...	8		Road good. Supplies scarce.
4	Chakraota D.B., ...	9	7,300	Road good.
5	Kinanipani ...	15		Road good. Some precipices passed through.
6	Kutiyan F.B., ...	12		Road good.
7	Maindrot, ...	9		Gradual descent. On the Tons
8	Mandholi, ...	9		Cross Tons R. at 4 miles, after which road rather steep and bad. Supplies scarce.
9	Tikri or Pekri, ...	5		Road pretty good. Supplies scarce. [scarce.
10	Piantra or Kedi, ...	8		Cross the Shallu R. at 6 miles. Supplies
11	Chipal, ...	11	7,695	Road good. Supplies scarce.
12	Parnala, ...	10	9,369	Change coolies. No supplies.
13	Dhar or Godhna, ...	6		Large village. Supplies plentiful.
14	Sainj, ...	7	8,300	Cross the R. Giri (fordable). Supplies procurable. Road fair.
15	Fagu, ...	8		Bungalow. Supplies procurable. Road fair.
16	Simla, ...	12	7,084	Road good; joins the Thibet road at 7½ miles.
	Total, ...	151		

NOTE.—D.B. indicates Dák Bungalow.
 F.B. do. Forest do.
 R.B. do. Road do.

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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.
1	Masúri to Mudarsu, ...	13	6,599	Top of library.
2	Thoina or Thyna,	8		Cross R. Jumna by } quite impassable suspension bridge.) now.
3	Pokri D.B., ...	14		
4	Deoband, ...	13	9,347	Bungalow.
5	Bandraoli, ...	13		
6	Kanda, ...	11		
7	Tikri or Pekvi, ...	11		Cross the Tons R. at 3 miles.
14	Simla, ...	62	7,084	As in No. 41.
	Total, ...	145		

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

4	Masúri to Chakraota, ...	39	6,599	Top of library.
5	Bandraoli, ...	16	7,300	See No. 41.
6	Kanda, ...	11		
7	Jitar, ...	10		Cross the Tons river.
8	Shalna, ...	8		On right bank of Pabar river.
9	Hant Kothi, ...	11		Easy march along the right bank of Pabar.
10	Roru, ...	8		Made road. At junction of 2 streams Pabar and Sikin.
11	Chergaon, ...	10		On left bank of Pabar at its junction with Andreti.
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, ...	171		

NO. 44. MOZAFERABAD TO SRINAGAR (KASHMIR); BY THE NATTISHAN-NAR GALLI (PASS).

1	Mozafarabad to Nuraseri, ...	8	2,470	A village at a little distance above the Kishenganga. Road rough and stony. Supplies procurable.
2	Panchgram, ...	8		A village.
3	Nosudda-Noseri,	9		Two villages near each other on left bank of Kishenganga.
4	Títwal, ...	6		A village on the left bank of the Kishenganga 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.
	Carried over,	51		

NOTE.—D.B. indicates Dák Bungalow.

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NO. 44. MOZAFERABAD TO SRINAGAR (KASHMIR); BY THE NATTISHAN-NAR GALLI (PASS).—(Continued).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	51		
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 Báradari,	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	5,235	
	Total, ...	119		

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

1	Murree to Nugri (Dhundan),	14	7,532	Ford branch of Haro.
	Mari Fort, ...	4		Dák Bungalow on top of hill.
2	Snjkot, ...	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.

1	Murree to Dúnga Galli D.B.,	20	7,532	This route is blocked up by snow from December to March.
2	Abbotabad ,,	22	4,166	Cross Dar river by bridge and again by ford.
	Total, ...	42		

NO. 47. MURREE TO MOZAFERABAD.

2	Murree to Kohala Ferry D.B.,	21	7,532	See No. 48.
3	Chutrkelas ,,	11	2,000	Easy road.
4	Harur ,,	12		Road a little steeper.
5	Mozafarabad, ...	about 7	2,470	Cross Jhelam by rope suspension bridge, or by ferry.
	Total, ...	51		

NOTE.—D.B. indicates Dák Bungalow.

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NO. 48. MURREE TO SRINAGAR (KASHMIR).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.	
1	Murree to Dewal Fort D.B.,	12	7,532	Supplies procurable.	
2	Kohala Ferry „	9	2,000	Supplies scarce. Cross the Jhelam R.	
3	Danna, ...	6		Steep ascent. } <i>New road</i> m. h. { Kohala D.B. to Chutrkelas, ... 9½ 2318 { Rari D.B.,* 7½ 2212 { Kundali „ 10½ 2500 { Gahri „ 7½ 2750 { Hatti „ 8½ 3075	
4	Maira, ...	7			
5	Chikar, ...	6			
6	Hatti D.B.,	10			
7	Chakuti „	11½	3,850		Supplies scarce. On left bank of the Jhelam.
8	Uri „	13½	4,450		On left bank of the Jhelam.
9	Rampur, ...	10½	4,850		
10	Baramula, ...	12½	5,250		
11	Srinagar, ...	30	5,235	See Nos. 18 and 23.	
	Total, ...	128		* Mozaferabad 4½ miles.	

NO. 49. NYNI TAL TO ALMORAH.

1	Nyni Tal to Rangarh D.B.,	13	6,400	Dák Bungalow.
2	Peora „	10	6,100	About a mile north of tea plantation.
3	Almorah „	8	5,800	
	Total, ...	31	5,400	

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

1	Nyni Tal to Rangarh D.B.,	13	6,400	Dák Bungalow.
2	Peora „	10	6,100	
3	Almorah „	8	5,800	
4	Bainskhet „	12	5,400	
5	Bainskhet „	12	4,009	Cross Kasee Ram by suspension bridge.
6	Dwarahath „	13	5,031	
6	Masi Bungalow, Ganai, ...	10	3,205	Dák Bungalow. Cross R. Rámanga.
	Deghát D.B.,			Cross a stream at Deghát. Change coolies. Or from 10 Srinagar to Takoli, 12 miles. Pao, 8 „ Tíri, 11 „
7	Búngdhar, ...	18		Dák Bungalow. Follow up the source of Bano.
8	Kanúr, ...	12		Dák Bungalow. On right bank of Nayar.
	Buransí, ...			Change coolies half-way.
9	Chifalghát, ...	18		Dák Bungalow.
10	Srinagar, ...	15	1,743	Do. Paori half-way.
11	Takoli, ...	12	4,000	Road bad; cross R. Ganges by suspension bridge.
12	Tíri, ...	10	1,500	Road bad. Dák Bungalow.
13	Kauria Gali, ...	14	6,800	Cross Bhágirathi R. by suspension bridge.
14	Dhanolti, ...	16	7,600	Road bad.
15	Masúri, ...	16	6,599	Do.
	Total, ...	206		

NOTE.—D.B. indicates Dák Bungalow.

NO. 51. PUTHANKOT TO DALHOUSIE; BY SHAHPUR.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Puthankot to			This route is always used by troops but dooly daks go direct to Dhar. Dak Bungalow on bank of Ravee. Dak Bungalow. Do. Do. Cantonment. Dak Bungalow and Hotel. Dooly dak available.
1	Shahpur, ...	8		
2	Dhar, ...	14		
3	Dunaira, ...	12		
4	Mamul, ...	9		
5	Bukloh, ...	1		
	Dalhousie, ...	13	6,740	
	Total, ...	57		

NO. 52. PUTHANKOT TO DHARMSALA.

	Puthankot to			Dak Bungalow and encamping ground. Do. No servants; road passable for carts except during the rains. Dak Bungalow, no servants; encamping ground. Following the course of the Burhal nadi cross the Daira under Kotla, cross the Burhal nadi and pass Bal. Dak Bungalow.
1	Nurpur, ...	14	2,050	
2	Kotla, ...	14		
3	Shahpur, ...	9	2,350	
4	Dharmasala, ...	13	6,111	
	Total, ...	50		

NO. 53. PUTHANKOT TO KANGRA.

	Puthankot to			As in No. 52. Dak Bungalow and encamping ground.
3	Shahpur, ...	37	2,350	
4	Kangra, ...	13	2,419	
	Total, ...	50		

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

	Rajaori* to			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.
1	Darhal, ...	12	3,094	
2	Beloh, ...	7		
	Darhal Pass, ...			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 Sarai by left bank of Laddi river. Supplies scarce.
3	Aliabad Sarai, ...	12	13,080	
	Total, ...	31		

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

* Rest-house erected here.

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

No. of Marches.	Names of Halting Places.	Estimated distance in miles	Height above sea level in feet.	REMARKS.
1	Rajaori to Thanna,*	14	3,094	Road up the Tawi river. Supplies procurable.
2	Suran, ...	16		Cross the Ratan Pir spur and follow the course of Suran river. Suran to Baramgalla 15 miles.
3	Punch D.B., ...	14	3,300	Follow the course of the river still and cross several streams. Supplies procurable.
10	Srinagar, ...	88	5,235	See Nos. 18 and 23.
	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 Sarai,	6		
2	Hattar, ...	8		Ford the Haro river. Supplies procurable.
3	Hurripur, ...	13		
4	Chamba, ...	10		
5	Abbotabad, ...	12	4,166	Ford the Dar river. Dák Bungalow.
	Total, ...	63		

NO. 57. RAWAL PINDI TO MURREE.

1	Rawal Pindi to Barakar, ...	13½	1,709	A cart and carriage road. Supplies procurable. Dák Bungalow and camping ground.
2	Chutr or Sela, ...	5		
3	Tret, ...	7		Dák Bungalow and camping ground. Supplies procurable, water plentiful.
4	Murree, ...	13½	7,532	
	Total, ...	39		A civil station; supplies abundant; water sometimes scarce in very dry weather.

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

1	Saharanpur Railway Station to Kalsea, ...	15½		Bungalow. Road metalled. Encamping ground. Road metalled. Do. Cross Timli Pass. Bungalow at Fathipur ¼ mile beyond.
2	Budshah Bagh,	11		
3	Asan River (bank),	12½		
	Carried over,	39		

NOTE.—D.B. indicates Dák Bungalow. * Rest-house erected here.

NO. 58 SAHARANPUR TO CHAKRAOTA; BY THE TIMLI PASS.—(Continued).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	39		
4	Kalsi, ... (<i>By Cart Road</i>).	12½		Bungalow. Cross Asun river. Cross the Jumna by suspension bridge.
5	Saiah, ...	12		Bungalow. Road up right bank of Amlawa stream to near Saiah where cross to left bank by a masonry bridge.
6	Karwah, ...	9		Encamping ground.
7	Chakraota, ... (<i>By Mule Road</i>).	9	7,300	Sanitarium. Dák Bungalow.
5	Kalsi to Saiah, ...	11		Bungalow. Leaves cart road at 2nd mile and rejoins it at 4th mile. Road up right bank of Amlawa stream; then cross to left bank.
6	Chakraota, ...	9	7,300	Coincident for 3 miles with cart road and then branches off.
Total, { <i>By Cart Road</i>		81½		
{ <i>„ Mule „</i>		71½		

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

1	Shapiyon to Nazandi 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	Abid, ...	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. Cross Ans river.
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	1,142	Bándari. 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.

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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	11,800	Cross the Karakash twice; very difficult to ford.
2	Pilatargash, ...	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	Kuchar, ...	15		In summer a detour has to be made over the Kuchar Pass.
	Kuchar Pass,		11,900	
7	Mazar, ...	12		On Araklik river.
8	Kizl-Agil, ...	10		Along the Araklik river.
9	Sanju, ...	14	6,130	A large village; cross a sandy spur.
10	Koshtagh, ...	25		Cross the Sanju river, and after crossing some sand hills traverse a portion of desert for 10 miles.
11	Oitaghvak, ...	20		Cross a desert tract.
12	Borah, ...	12		Cross sand hills and a desert tract.
13	Kargalik, ...	24	4,570	After 8 miles leave the sand hills and cross part of the desert.
14	Posgam, ...	21	4,365	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	3,900	Cross the Boi or Yarkund river by boat in summer.
	Total, ...	240		

NO. 61. SHAPIYON TO BARAMULA; BY GULMARG.

		Miles		
1	Shapiyon to Chrár, ...	13½		Small town. Supplies abundant. Cross stream and pass the village of Batpura.
2	Khán Bába Sáhib's Ziárat,	9½		Cross two bridged streams. Pass several villages.
3	Kág, ...	9½		Village. Supplies procurable.
4	Gulmarg, ...	12½		Pass Firozpur at 9½ miles and cross pass so named.
5	Baramula, ...	13	5,260	Small town on the Jhelam. Supplies abundant.
	Total, ...	57½		

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

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

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

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NO. 63. SIALKOT TO BADRAWAR; BY RAMNAGAR.

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Sialkot to		829	Dák Bungalow.
1	Tawi, ...	14		Supplies procurable: water plentiful.
2	Jamoo, ...	13	1,310	Cross Balal nadi, R. Tawi by boat to right bank.
3	Purgulta, ...	14		Do. do. to left bank.
4	Suruin Sar, ...	12		Ascend sandstone range; encamp by lake; road not very good.
5	Chain, ...	13		Cross a stream and pass by Manwal.
6	Rám Nagar, ...	15		Ascend ridge (Sunidhar); and cross Silo Kad stream.
7	Korta, ...	13		Ascend spur.
8	Duder, ...	14		Ascend to ridge (Kalatil); continue along it and descend to Tawi R.
9	Siwaldhar Maidán, ...	10		Gradual ascent; encamp in Maidáns; a few Goojur huts.
10	Badrawar, ...	12	5,427	Cross Seyngi Pass, 10,148 ft.; short steep descent; then very easy road, practicable for ponies.
	Total, ...	130		

NO. 64. SIALKOT TO KISHTWAR.

	Sialkot to		829	Dák Bungalow.
2	Jamoo, ...	27	1,310	As in No. 63.
3	Nagrota, ...	6		Supplies procurable.
4	Dhansál, ...	9	1,820	Do. do. Rest-house.
5	Udám pur, ...	12	2,600	Ascent after leaving Dhansál—road beyond good. Supplies procurable.
6	Bali, ...	9		Ascent to Garala. Supplies scarce.
7	Chineni, ...	16		By upper road; another for foot passengers on right bank of Tawi R. Supplies procurable.
8	Batoti, ...	14	5,050	Cross ridge. Supplies procurable.
9	Asar, ...	16		Opposite this village is a rope bridge. Supplies procurable.
10	Kalen, ...	15		A Báradari here. Supplies procurable.
11	Bhelu, ...	10		Cross the Neru R. near junction with Chandra Bhaga or Chenab 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.
13	Joshni, ...	6		Cross the Kalnay and another stream by good bridges. Supplies scarce.
14	Kishtwar, ...	15	5,000	Road not so good as hitherto. Supplies plentiful.
	Total, ...	169		

NO. 65. SIALKOT TO SRINAGAR; BY JAMOO AND THE BANIHAL PASS.

	Sialkot to		829	Dák Bungalow.
1	Tawi, ...	14		A two-roomed bungalow and a dharmśála.
2	Jamoo, ...	13	1,310	The winter capital of the Mahárája of Jamoo and Kashmir.
	Carried over,	27		

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NO. 65. SIALKOT TO SRINAGAR; BY JAMOO AND THE BANIHAL PASS.—(Continued).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	27		
3	Dhansál, ...	15	1,820	Road along shingly river bed for some miles. Cross a pass 2,200 feet at 10 miles. Mahárája's bungalow.
4	Udámpur, ...	12	2,600	At 3 miles cross a pass 3,010 feet. Maháráju's palace and small bungalow.
5	Dharmtar, or Dharntal, ...	12	3,700	Road level for some miles, then a sharpish ascent. Mahárája's bungalow.
6	Batoti, ...	12	5,050	At 2 or 3 miles pass Chineni on the right. At 9 miles cross a pass 6,800 feet.
7	Rámband, ...	12½	2,400	A considerable and winding descent to the Chenab, which cross by suspension bridge. A new bridge is constructed at Rámband. A Báradari or rest-house. Supplies plentiful.
8	Rámsu, ...	13	4,100	Many sharp ascents and descents. Cross stream twice by wooden bridge. A Báradari or rest-house.
9	Banihál, ...	10	5,650	A considerable ascent is made after crossing to the right bank of the stream. Then descend and cross to left bank. A Báradari. Supplies.
10	Vernág, ...	10½	6,500	Cross at 7 miles the Banihál Pass 9,200 feet. Closed sometimes in winter for a day or two by snow. An old palace or Báradari.
11	Kánbal, ...	16½	5,200	Road fair. Pass Shahabad at 4 miles and other villages. Pass through Islámabad at 15 miles. A bungalow. Here the water route to Srinagar commences.
12	Avantipur, ...	17		Pass Bijbehára, a large town on the left bank of the Jhelam at 4½ miles, and cross the river by boat a few miles further on.
13	Srinagar, ...	18	5,235	
	Total, ...	175½		

A fair riding road throughout, but might be much improved by easing the gradients which are very steep. Supplies and coolies procurable readily after obtaining the necessary permission from the Mahárája to travel by this route.

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

1	Sialkot to Chaprar, ...	13	829	Dák Bungalow. Supplies procurable.
2	Gajanso, ...	10		Ford the Tawi R. 4 miles from Chaprar. Supplies must be collected.
	<i>Carried over,</i>	23		

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

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	<i>Brought forward,</i>	23		
3	Aknoor, ...	12	1,142	Báradari. 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	1,460	Very stony. Supplies procurable. Do. Up and down ravines, last ascent and descent steep. Supplies scarce.
5	Dubb, ...	11		
6	Thanda pani, ...	12	1,460	Road good. Supplies procurable. Do. Cross some low hills. Supplies procurable.
7	Dhormsál, ...	10		
8	Sialsui, ...	9		Road good. Cross two rivers and one steep range. Supplies scarce.
9	Rajaori, ...	13	3,094	Road good. Cross some large streams. Supplies plentiful.
18	Srinagar, ...	92½	5,235	See No. 10.
	Total, ...	188½		

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

	Simla to Jutogh, ...	5	7,084	Church. Supplies and water procurable.
	Erki, ...	16		Road fair. Supplies and water procurable.
	Namuli, ...	14		Do. do. scarce.
	Belaspúr, ...	12		On left bank of the Sutlej; Supplies and water plentiful.
	Suket, ...	22	2,965	Cross the Sutlej by ferry.
	Mandi, ...	11	3,006	On left bank of the Beas R.; cross Sukaty river a little below Chugwan village and follow the left bank of it.
	Total, ...	80		

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

	Simla to Narkanda, ...	39½	7,084	Church. See No. 38. Bungalow.
5	Baggi, ...	9		Steep for about 2 miles. Bungalow. No servants for road by Kotgarh and Rampúr, see No. 72.
6	Kandralla, ...	8		Bungalow.
7	Sángri, ...	10		Bungalow in ruins. Cross Nogli R.
8	Bali, ...	11		Slight ascent of about 5 miles.
9	Nogri B., ...	12		Steep most of the distance.
10	Darhin B., ...	10	7,115	Do. for about 2 miles.
11	Sarhan B., ...	13		
12	Turanda B., ...	15		
	Peindah B., ...			
13	Nachar, ...	10		
	Wangtu B., ...			
14	Chagaon, ...	12	7,300	Cross Sutlej River by Wangtu bridge. Bungalow at Uri.
15	Miru, ...	8	8,500	Cross a stream.
16	Chini, ...	13	9,096	Large Bungalow.
	Total, ...	170½		

NOTE.—B. indicates Bungalow.

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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, ...	33	7,084	Church.
5	Kagna, ...	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, ...	63		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	7,084	Church.
2	Sahiki Hati, ...	20		Dák Bungalow.
3	Belaspúr, ...	21½		Bungalow. Supplies procurable after due notice.
4	Kunar Hati, ...	9		Supplies and water plentiful, road fair.
5	Dangah, ...	8		Cross Sutlej R. by ferry. Supplies procurable after due notice.
6	Hamirpúr, ...	16		Bungalow and Thana.
7	Nadaon, ...	14½		
8	Júala Múkhi, ...	6½	1,883	Serai. Cross the Beas by ferry.
9	Ranital, ...	11½		Dák Bungalow. Supplies and water procurable.
10	Kangra, ...	9	2,419	Dák Bungalow and encamping ground.
11	Rilloo (Hutli), ...	13		
12	Sihanta, ...	12		Road bad for ponies.
13	Rapir, ...	9		Do. do.
14	Chuari, ...	7		Do. do.
15	Rareri, ...	14		Cross pass; steep ascent for 5 miles.
16	Chamba, ...	6	3,033	Road bad. Cross Ravee by bridge. Báradari.
17	Manjeri, ...	16		Steep ascent; cross low pass; cross R. Shool on massaka.
18	Digi or Kirah, ...	11		Bad road. Cross Kandi Marl to left bank. or 17 Manjeri
19	Bungul, ...	11		Bad road. 18 Thunun 12
20	Camp (Múr), ...	10		19 Langera 9
21	Badrawar, ...	12	5,427	20 Thannala 15
22	Kalen, ...	11		21 Badrawar 8
23	Doda, ...	10		Cross R. Chandra Bhaga or Chenab by rope bridge.
24	Bhngwan, ...	7		
25	Gayi, ...	9		Bad road. Follow up the source of Lider Khol stream.
26	Camp, ...	7		
27	Chaon, ...	13		Cross Braribal Pass; steep ascent and descent.
28	Vernág, ...	10	6,500	Báradari. Supplies and coolies abundant.
31	Srinagar, ...	52	5,235	See No. 65.
	Total, ...	355½		

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

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Simla to		7,084	Church.
11	Bajaora, ...	120		See No. 38. Dák Bungalow.
12	Komand, ...	13		Cross pass (6000 ft.); steep ascent.
13	Sauri, ...	8		Cross Ul river by bridge; ascent. } Old
14	Fatkal, ...	11		route.
15	Haurbaug, ...	10		
16	Bajjnath, ...	17	3,337	Dák Bungalow and encamping ground.
17	Bundleh, ...	11		Putiyar is about half way between Bundleh and Bhagsu.
18	Bhagsu Cant., ...	19	4,058	Cross several torrents; Dharmsála is just above Bhagsu. Encamping ground.
19	Rilloo (Hutli), ...	17		
39	Srinagar, ...	227	5,235	See No. 70.
	Total, ...	453		

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

	Simla to		7,084	Church.
4	Narkanda, ...	39½		See No. 38. Dák Bungalow.
5	Kotgarh, ...	11		
6	Nirth R.B., ...	10	3,400	Village on the Sutlej; few supplies.
7	Rámpur, ...	12½	5,700	10 miles to Bali on Hindustan and Tibet road. Báradari. [Dhar.
8	Gowra, ...	9		Supplies procurable from the village of A
9	Sarhan, ...	12	7,115	village; few supplies procurable; water plentiful.
10	Turanda, ...	14	7,000	A small village; few supplies; water sometimes scarce; a series of heavy ascents & descents; cross Kandli and Chaunda streams.
11	Wangtu Bridge,	13		
	Total, ...	121		

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

	Sonamarg to			[feet span).
1	Nichinni, ...	7		Cross the Sind R. by the Mnir bridge (60
2	Krishan Sar, ...	8		Cross the Nichinni 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	Lohan-i-Thal or Dokolla Bal,	5		Fatiguing march. Steep ascent of 3,000 ft. and similar descent of about 4,000 ft.
5	Wazri Thal, ...	6		Fuel abundant.
				Small village. Ascent to Lohan-i-Thal range about 2,300 ft., descent 3,350 ft. Supplies scarce; encamp on left bank of Kishenganga R. 1 mile below village, by bridge opposite Badagam.
6	Lorloken, ...	10		Grassy plain. No supplies procurable.
7	Gurais, ...	11	7,800	Cross bridge (if there be one) below Tsenial; otherwise a detour must be made to cross by the Kotobat bridge.
	Total, ...	55		

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

No. of Marches.	Names of Halting places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Dankar to		12,774	
1	Kaja, ...	16		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	Tarakokpole, ...	16		
11	Namthakle, ...	14		
12	Nowi camp, ...	12	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	14,000	At head of Pangong Lake.
20	Changchenmo, ...	34	14,800	Pamsal. See No. 33.
	Total, ...	291		

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

	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. Supplies here.
9	Puga Camp, ...	18	15,200	Cross two spurs. 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 near Mahiye, water up to the waist.
	Thato la (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	Pamsal. See No. 74.
	Total, ...	241		

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

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

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

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Srinagar to		5,235	
2	Islamabad, ...	36½		By land ; but generally by boat. See No. 65. Cross a low range. Passing Nowbúg. Crossing the Margan or Ikpatran Pass 11,600 feet above the Sea. Thence to Sooroo 5 marches = 76 miles, by Bhutkul pass 14,370 feet. Supplies precarious.
3	Karpur, ...	13		
4	Gúran, ...	14		
5	Camp below and beyond pass, ...	20		
6	Inshin, ...	20	8,143	
	Total, ...	103½		

NO. 77A. SRINAGAR (KASHMIR) TO GURAIIS BY THE TRÁGBAL PASS.

1	Srinagar to Bandipur or Bandpura, ...	36	5,235 5,180	Generally by boat occupying about 1½ days ; the land journey by Shadipur (13 miles) is about 36 miles. Bandipur is a small town and Bazar. Pass Kralpura (5800 ft.) at the foot of the mountain at 3½ miles, then after a stiff ascent the tank of Trágbal is reached. Ascend to the top of the Trágbal or Rájdiángan Pass (11,500 ft) at 3 miles, then descend a ridge to junction of two streams. In winter the route lies down the valley over the frozen stream. A small village at the bridge over the Kishenganga ; a log hut for shelter. Cross the Kishenganga by bridge to right bank, and cross again by bridge to left bank. Pass a small village of Nai and several others on the Gurais plain and encamp at Fort of Gurais. Route easy for laden ponies. Plenty of food and fodder obtainable. The pass is sometimes closed by snow for a few days in winter.
2	Trágbal, ...	10	9,200	
3	Jedkusha, ...	9	9,000	
4	Kanzilwán or Kanzilban, ...	6	7,500	
5	Gurais, ...	10	7,800	
	Total, ...	71		

NO. 78. SRINAGAR (KASHMIR) TO KISHTWAR.

2	Srinagar to Islamabad, ...	36½	5,235	[No. 65. By land ; but generally by boat. See
3	Wangam, ...	17		Huts under the Pass. Cross the Marbal Pass 11,550 feet. Few supplies and coolies obtainable. Down the Kashere Khol. Cross the Maru Wardwan and Chenab rivers by rope bridges. Supplies abundant.
4	Wankringi, ...	9		
5	Singpur, ...	16		
6	Mogal Maidán, ...	16		
7	Kishtwar, ...	16	5,000	
	Total, ...	110½		

44 *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.	Height above sea level in feet.	REMARKS.
	Srinagar to		5,235	
1	Gandarbal, ...	14		Ghat for boats is 2 miles short of Gandarbal.
2	Kangan, ...	11		Cross Sind river.
3	Gond, ...	14		Supplies procurable.
4	Gangangair, ...	9		
5	Sonamarg, ...	10		Supplies scarce.
6	Baltal, ...	9		Huts only.
7	Mataiyan, ...	15		Cross the Zoji-la-pass, 11,300 feet. Camp 2 miles above and opposite Mataiyan village.
8	Dras, ...	15	10,144	
9	Tashgam, ...	15		
10	Chanagund, ...	15		On right bank. Or Kirkitchu on left bank of Dras river.
11	Kargil, ...	8	8,787	or Kargil to
12	Lochan, ...	13		Shergol 20
13	Mulbekh, ...	11		Karbu 18
14	Charak, ...	11		Lama Yuru 16
15	Lama Yuru, ...	19		Cross the Namyika Pass, 13,000 feet. Rest house and supplies here. Cross the Fotula Pass 13,446 feet. Cross the Indus by bridge. Not used now generally.
16	Kálsi or Khálsi or Khalatzi, ...	12	10,130	
17	Hemis, ...	15		Not used now generally.
18	Basgo, ...	17		
19	Leh, ...	21	11,532	
	Total, ...	254		

NOTE.—By better and lower road.

16	Kálsi or Khálsi or Khalatzi ...	12	
17	Nurla, ...	8	
18	Saspul, ...	17	
19	Basgo, ...	12	
	Nimo, ...	4	
20	Phyang, ...	10	
21	Leh, ...	9	

NO. 80. SRINAGAR (KASHMIR) TO MARU.

	Srinagar to		5,235	
2	Islamabad, ...	36½		By land; but generally by boat. See No. 66.
3	Karpur, ...	13		Huts; passing Nowbúg.
4	Rajparan, ...	16		
5	Camp, ...	10		Crossing the Hoksar Pass, 13,315 feet.
6	Maru, ...	12		or Petgam.
	Total, ...	87½		

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

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
	Srinagar to		5,235	
2	Bandipur, ...	36	5,180	By boat.
3	Trágbal, ...	10	9,200	Tank and chauky.
	Jedkusha, ...	9	9,000	Cross the Rájdíangan ridge about 11,500 feet.
4	Kanzilwán, ...	6	7,500	On left bank of Kishenganga R.
5	Gurnais, ...	10	7,800	Steep ascent and descent in the middle.
	Bangla, ...	10		No village, a chauky.
6	Mapanon baz, ...	9		Do. do.
7	Burzil, ...	7	11,300	Do. do.
8	Huts, ...	16		Cross two passes.
	Do. ...	15		
10	Do. ... }			
11	Skardo, ... }	22	7,700	Crossing the Burji-la Pass (15,700 feet); better to halt beyond or north of pass.
	Total ...	150		

See No. 77A.

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

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

	Srinagar to		5,235	
10	Kirkitchu, ..	127		See No. 79, or Chanagund.
11	Gangny, ...	10		Left bank of Dras R.
12	Olting Thang, ...	12		Do. do.
13	Tarkuty, ...	14		Do. Indus R. [rope bridge.
14	Kurtaksho, ...	17		Right bank of Indus. Cross R. Indus by
19	Skardo, ...	60	7,700	See No. 40.
	Total, ...	240		

NO. 83. SULTANPUR TO DHARMSALA.

	Sultánpur to		4,043	Bungalow.
5	Baijnath, ...	61	3,337	See No. 26.
6	Palampur, ...	10		Dák Bungalow.
7	Dudh, ...	10		Do.
8	Dharmśála, ...	11	6,111	Do.
	Total, ...	92		

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

	Sultánpur to		4,043	Bungalow.
2	Jagat Sak, ...	22	5,985	See No. 38 (marches 23 and 24).
3	Chikka, ...	9		
4	Chatalu, ...	9		
5	Patti Runi, ...	9		
6	Karcha, ...	11		[cross Kanzam Pass 14,931 feet.
7	Losar, ...	12	13,395	In Spiti on right bank of the Spiti river;
8	Kioto, ...	11		On left bank of the Spiti river; cross the Spiti near Losar. [ridge.
9	Kiwar, ...	12	13,400	On left bank of Parilungbi stream; cross a
10	Dankar, ...	28	12,774	(two marches as in No. 74).
11	Pokh, ...	8		On left bank of the Spiti. A road from Pokh leads to Jhula bridge.
12	Lari, ...	11		On left bank of the Spiti; cross several streams.
	Total, ...	142		

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

NO. 85. SULTANPUR TO RAMPUR (BUSAHIR).

No. of Marches.	Names of Halting Places.	Estimated distance in miles.	Height above sea level in feet.	REMARKS.
3	Sultánpur to Manglaor (Plach),	29	4,043	Bungalow.
4	Batar, ...	16	5,718	See No. 38.
5	Siran, ...	13	6,000	Cross Dhol Pass.
6	Nirmanad, ...	15		
7	Rámpur, ...	12	5,700	Capital of Busahír; báradari for travellers.
	Total, ...	85		

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

1	Titwal to Súdipúra, ...	5		Village on left bank of the Kishenganga [river.
2	Chundnian, ...	5		
3	Húdea, ...	8		Cross the Tútmarí Galli Pass.
4	Larch, ...	6		A village.
5	Langyat, ...	5		
6	Sopur, ...	10		Báradari. Town on right 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. VERNAG TO NOWBUG.

	Vernág to Sof,		6,500	Two roads lead to Sof, both good and equally direct.
1	Sof, ...	7		Large village. Celebrated for its iron mines, the most extensive in Kashmir. Supplies procurable.
2	Nowbúg, ...	11		Village. Road passes by the considerable village of Larún.
	Total, ...	18		

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

1	Wangtu to Yangpa, ...	12		Bungalow. [river.
2	Múling, ...	7		Cross Sutlej and follow up the Wangé
3	Pústirang, ...	6		No village.
	Babeh Pass, ...		15,300	Near the snow line.
4	Pradah, ...	12		Cross.
5	Múth, ...	17		Follow the course of Pín river.
6	Súnam, ...	13		Follow the course of Pín river to the junction with the Spiti which cross by a bridge.
7	Dankar, ...	14	12,774	Small fort.
	Total, ...	81		

No. II.

Wazirabad	166 11	201 19	68 5		126 12		41 8	88 8	49 8						89 8	155 11		228 22	152 11	85 8		Abbotabad
(Srinagar (Kashmir	148 14	85 8	88 8	100 8											110 9	148 14	21 2	86 8		43 8		Aknoor
Sialkot		86 7																				Amritsar
Shardi																						Attock
Rawal Pindi																						Bhimber
Rajouri				88 4	97 7											67 8	148 18	70 8	23 8	28 8		Bunnoo
Punch																						Chilas
Peshawar																						Dehra Ismail Khan
Nasohera																						Goojranwala
Murree																						Goojrat
Murdan																						Hasan Abdal
Mozafferabad																						Jhelam
Mooltan																						Jamoo
Mirpur																						(Kashmir (Srinagar
Lahore																						Khigda
Kotli																						Kohat
Kohat																						Kotli
																						Lahore
																						Mirpur
																						Mooltan
																						Mozafferabad
																						Murdan
																						Murree
																						Nasohera
																						Peshawar
																						Punch
																						Rajouri
																						Rawal Pindi
																						Shardi
																						Sialkot
																						(Srinagar (Kashmir
Wazirabad																						

NOTE FOR THE POLYMI

The upper figures give the estimated dist
the letter o in which case the distance given is i
ordinary marches from place to place.
Example:—In order to find the distavoe t
Abbotabad by Masuri, Simla, Sultampur (Kulu)

From Table No. III. Almorah to Masu:
Do. do. III. Masuri to Simla
Do. do. III. Simla to Sultan
Do. do. I. Sultanpur to Kashn
Do. do. II. Kashmir to Abbot

Almorah to Abbot

No. I.

Amritsar		Amritsar
Amritsar	Amritsar

No. III.

Amritsar
rah
sar
sola
Peak
stri
Sryoor
nar
lar
1
1
1
1
1
1
1
1
1
1
1

No. II.

Murree	Mardan	Mossforabad	Mooltan	Mirpur	Lahore	Koath	Khagga	Kashmir (Srinagar)	Jamoo	Jhalam	Hasan Abdal	Gojrat	Gojranwala (Dehra Iahmsil { Khana	Chilas	Buanno	Bhimber	Attock	Amritsar	Aknoor	Abbotabad	
41	12	12				116	88	158	71	68	41		228	159			43	86			Abbotabad
								148	71	68											Aknoor
																					Amritsar
																					Attock
						67		148	70	28											Bhimber
							83														Buanno
																					Chilas
																					Dehra Iahmsil Khana
																					Gojranwala
																					Gojrat
																					Hasan Abdal
																					Jhalam
																					Jamoo
																					Kashmir (Srinagar)
																					Khagga
																					Koath
																					Koath
																					Lahore
																					Mirpur
																					Mooltan
																					Mossforabad
																					Mardan
																					Murree

NOTE FOR THE POLYMETRICAL TABLES.

The upper figures give the estimated distances in *miles*, except when followed by the letter *s* in which case the distance given is in *koss*; and the lower, the number of ordinary marches from place to place.
 Example:—In order to find the distance and number of marches from Almorah to Abbotabad by Masuri, Simla, Sultampur (Kulu) and Kashmir we have:—

		Miles	Marches
From Table No. III.	Almorah to Masuri ...	175	13
Do. do.	III. Masuri to Simla ...	145	14
Do. do.	III. Simla to Sultampur ...	120	12
Do. do.	I. Sultampur to Kashmir ...	881	20
Do. do.	II. Kashmir to Abbotabad ...	155	11
Almorah to Abbotabad ...		985	78

No. III.

