

(c) by when the electrification of Palghat-Ernakulam line is proposed to be taken up?

THE MINISTER OF RAILWAYS (SHRI A. B. A. GHANI KHAN CHOUHDURY): (a) No, Sir.

(b) and (c) Do not arise.

Ground-water project for Kerala

2608. SHRI C. HARIDAS: Will the Minister of IRRIGATION be pleased to state;

(a) whether a Ground Water Project for Kerala has been undertaken to find out the ground water potential in the State;

(b) if so, what is the amount of money sanctioned for this project;

(c) by when it is likely to be completed; and

(d) what are the names of the towns selected for this project?

THE MINISTER OF STATE IN THE MINISTRY OF IRRIGATION (SHRI HARI NATH MISHRA): (a) and (b) The Central Ground Water Board has taken up a project to evaluate the ground water resource potential of the various hydrogeological units in Kerala, in collaboration with the Swedish International Development Agency (SIDA). An expenditure of Rs. 127.72 lakhs is expected to be incurred on the project studies by the Government of India in addition to the Swedish contribution of 6.9 million Swedish Kroner (Equivalent to Rs. 91.9 lakhs approx.).

(c) The project would be completed in a period of 4 years ending October, 1987.

(d) The project covers the entire area of the State between Ponnani river in the north to Attingal (Vamanapuram) river in the south and includes all towns, cities and villages in the districts of Trichur, Ernakulam, Idukki, Kottayam, Alleppey, Quilon and Trivendrum in full and parts of Palghat and Mallapuram districts.

Extension of Rail line to Jiribam in Manipur

2609. SHRI R. K. JAICHANDRA SINGH;
SHRI BIJOY KRISHNA
HANDIQUE;
SHRI HUSEN DALWAI;

Will the Minister of RAILWAYS be pleased to state;

(a) what progress has been made in extending the railway line to Jiribam in Manipur and the total cost incurred thereon; and

(b) by when the project is likely to be completed?

THE MINISTER OF RAILWAYS (SHRI A. B. A. GHANI KHAN CHOUHDURY): (a) Work is in progress on construction of new M.G. rail line from Silchar to Jiribam. Its present progress is 19 per cent. Against an estimated cost Rs. 26.68 crores, expenditure upto 31.3.84 is Rs. 7.15 crores and outlay in 1984-85 is Rs. 3.75 crores.

(b) Its completion will depend on transfer of land by State Government to Railways and availability of resources in the coming years.

Irrigation Projects

2610. SHRI HUSEN DALWAI;
SHRI GHULAM RASOOL
KAR;

Will the Minister of IRRIGATION be pleased to state:

(a) what is the State-wise breakup of total acreage of cultivable land brought under irrigation so far;

(b) what are the major irrigation projects in hand at present;

(c) when these are likely to be completed; and

(d) what is the extent of are likely to be irrigated by these projects?

THE MINISTER OF STATE IN THE MINISTRY OF IRRIGATION (SHRI HARI NATH MISHRA): (a) Statement

I giving the provisional State-wise position for the year 1980-81, i.e., latest year for which the data is available, is attached. (See below)

(b) to (d). Statement II showing the names of major irrigation projects in hand and their ultimate irrigation poten-

tial is enclosed (See below). The names of the schemes which have been completed or are anticipated to be completed by the end of VI Plan period are indicated in Statement III (See below). The VII Plan of the States is yet to be finalised. As such, it is not possible to indicate the likely date of completion of these projects.

Statement-I

Statewise-[cultivable] irrigated area—1980-81 (Provisional) :

(Area—Thousand hectares)

State	Cultivable area	Net irrigated area	Gross irrigated area
Andhra Pradesh	15791	3462	4342
Assam*	3252	572	572
Bihar	11633	2953	3632
Gujarat	12438	2003	2334
Haryana	3811	2134	3309
Himachal Pradesh	889	92	156
Jammu & Kashmir	1067	304	392
Karnataka	12760	1361	1676
Kerala	2443	238	381
Madhya Pradesh	22785	2332	2453
Maharashtra	21132	1927	2516
Manipur*	164	65	75
Meghalaya*	1105	48	50
Nagaland	742	59	61
Orissa	7443	1215	1711
Punjab	4280	3382	5781
Rajasthan	25831	2983	3749
Sikkim*	101	10	10
Tamil Nadu	8496	2570	3294
Tripura*	350	29	36
Uttar Pradesh	20893	9453	11371
West Bengal*	6244	1489	1541
All India	185119	38805	49585

* In the absence of data for the year 1980-81, latest available information has been utilised.

Statement-II

Details of major irrigation projects in hand, with their ultimate irrigation potential:

(‘000 ha.)

Sl. No.	Name of Project	Ultimate Potential	Remarks
1	2	3	4

STATE : ANDHRA PRADESH
ON GOING PROJECTS :

1	Nagarjunasagar	807	
2	Sriramsagar St. I (Pochampad)	284	
	Tungbhabhadra HLC St. II	49	
3	Vamsadhara St. I & II	42	
4	Godavari Barrage	Stabilisation	
5	Somasila St. I & II	44	
6	Improvement to Nizamsagar St. I	Stabilisation	
7	Singur	Do.	
8	Samalkota Summer Storage Res.	Water Supply Scheme	

NEW PROJECTS

1	Sriasilam Right Bank Canal	76.89	
2	Polavaram Barrage	189	
3	Jurala Project	41.36	
4	*Madras Water Supply Scheme Kandalesru Res.	Not indicated	
5	Yeluru Res.	37	
6	*Warabandi in existing irrigation system	No additional potential	

STATE : ASSAM
ON GOING PROJECTS :

1	Dhansiri	83.30	
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NEW PROJECTS :

1	Champamati	30.00	
2	Puthimari	19.84	

STATE : BIHAR
ON GOING PROJECTS :

1	Subernarekah Project	209.30	
2	Gandak Project (India portion)	1042.00	
3	Kosi Barrage & Eastern Canal	434.00	
4	Bagmati Irrigation	101.60	
5	Western Kosi Canal (India portion)	289.30	

1	2	3	4
6	Sone H.L.C.	161.40	
7	Rajpur Canal	125.00	
8	North Koel Res.	131.00	
9	Durgawati Res.	36.00	
10	Barnar Res.	22.40	
11	Upper Kiul Res.	14.00	
12	Konar Diversion	62.80	
13	Tilaiya Diversion	48.60	
14	Bateshwar Pump Ph-I	25.40	
15	Bansagar Dam	Inter-State Project	
15	Ajoy Barrage at Sikatia	40.47	
NEW PROJECTS :			
1	Masan Dam	21.65	
2	Auranga Res.	75.40	
3	Amanat Res.*	21.65	
4	Tahle Res.*	75.40	
5	Kanhar Res.	17.85	
6	Ajgaivinath Pump	14.00	
7	Jamania Pump	161.00	
8	Mohane Res.*	17.20	
9	Lilajan Res.*	36.40	
10	Upper Sakri Res.*	52.00	
11	Barari Pump*	9.37	
12	Sonua	5.34	It has since been converted into Medium scheme.
13	Bagdog Barrage at Mahananda*	32.00	
14	Mahananda Barrage at Taiyalpur*	26.00	
15	Punasi Reservoir	24.00	
16	Burhai Reservoir	17.20	
17	Bansloi Reservoir	36.00	
18	Dhakua Reservoir*	20.00	
19	Sarkunda Reservoir*	39.60	
20	Kanchi Reservoir*	24.00	
21	Saksenghat Pump*	22.60	

*New Projects of Sixth Plan but no expenditure incurred.

1	2	3	4
22	Domanpur Res.*	10.20	
23	Jajore Res.*	18.50	
24	Koel Karo Res.*	110.00	

STATE : GUJARAT—ON GOING PROJECTS:

1	Damanganga	56.6	
2	Karjan	77.6	
3	Heran	39.5	
4	Panam	49.4	
5	Sukhi	25.2	
6	Watrak	18.3	
7	Sipu	32.1	
8	Ukai	153.0	
9	Kadana	13.4	
10	Sabarmati	56.7	
11	Mahi Stage I	261.4	
12	Kakrapar	227.4	
—	Mahi Bajaj Sagar	100.0	In the existing Mahi Kadana System.

NEW PROJECTS :

1	Sardar Sarovar (Narmada)	2123.8	
2	Zankhari.	24.0	
3	Sidhumber	11.0	

STATE : HARYANA—ON GOING PROJECTS :

1	W.J.C. Remodelling.	248	
2	Gurgaon Canal	81	
	Beas Unit I & its Extension Beas Unit II & its Extension	About 2000	in the existing Gang, Bhakra and Rajasthan Canal System.
3	Loharu Lift irrigation Scheme	66	
4	Sewani Lift Irrigation Scheme	46	
5	Augmentation Canal Project	54	
6	J.L.N. Lift Irrigation	155	
7	S.Y.L. Irrigation Scheme	275	
8	New Tajewala Barrage	Replacement works	

*New projects of Sixth Plan but no expenditure incurred.

1	2	3	4
	New Okhla Barrage	Replacement Work	
9	Storage of Kota, Bhindwas others and Masani Barrage	10	
	NEW PROJECTS :		
1	Making Parellel W.J.C. increasing its capacity from Tajewala to Munak.	58	
2	Conservation Measures by installing 750 Nos. Sprinkler irrigation sets	400	
3	Installing 25 Nos. Drip Irrign. Sets	20	
4	Providing Irrigation to Mewat areas and Pataudi areas	23	
5	Inter linking old augumentation Canal	6	
6	Remodelling Bms. and its distribution system	36	
7	Scheme for use of flood water.	40	
	STATE: KARNATAKA—ON GOING PROJECTS :		
1	Tunghabhadra LBC RBC	282	
2	Bhadra Project	106	
3	Malaprabha	213	
4	Tunghbhadra HLC St. II	81	
5	Hemavathy (Non Plan)	263	
6	Upper Krishna St. I	425	
7	Kabini (Non Plan)	42	
8	Harangi (Non Plan)	53	
9	Ghataprabha St. III	178	
10	Karanja	36	
11	Bennithora	20	
12	Hippargi Barrage	51	
13	Varuna (KRS RBC) (Non Plan)	33	
	NEW PROJECTS :		
1	Barahi	15.32	
2	Dudhganga	12.99	
3	Upper Bhadra.	101.27	
4	Ramthal Lift	17.40	
	STATE: KERALA—ON GOING PROJECTS :		
1	Periyar Valley	86	
2	Chittarpuzha	27	
3	Kanhirapuzha	22	

1	2	3	4
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4	Kuttiadi	37
5	Pamba	48
6	Pāzhassi	32
7	Kallada	92
8	Muvattapuzha	52
9	Chimoni	26

NEW PROJECTS :

1	Idamalayar	39·39
2	Beyyerupzha ^{re}	13·624
3	Kuriarkutty Karappara	23·472
4	Kakkadavu	26·106

STATE : JAMMU & KASHMIR—ON GOING PROJECTS :

1	Ravi Tawi Irrigation Complex	53
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STATE: MADHYA PRADESH—ON GOING PROJECTS :

1	Bhandar Canal	44·5
2	Chambal	273·2
3	Barna	60·5
4	Tawa	333·0
5	Hasdeo R.B.C.	42·0
6	Mahanadi Reservoir Ph-I	340·0
7	Mahanadi Reservoir Ph-I	
8	Kolar	60·90
9	Sindh Ph-I	37·20
10	Paity	72·90
11	Jonk	14·40
12	Rangwan HLC	17·10
13	Bariarpur LBC	43·90
14	Bansagar	248·8
—	Rajghat	97·2
15	Bargi	245·0
16	Kodar	23·5
17	Upper Wain Ganga Urmil	105·0
—	Urmil	7·7

1	2	3	4
18	Sukta	18.6	
19	Hasdeo Bango	255.0	
20	Halali	37.2	
21	Thanwar	18.2	

NEW PROJECTS :

1	Mahanadi Reservoir Phase-III	91.00
2	Arpa	72.40
3	Bargi Diversion	196.00
4	Dhobatoria	19.40
5	Menu	19.20
6	Tobat	13.60
7	Chhota Tawa	32.40
8	Upper Narmada	18.60
9	Kutpali	93.00
10	Narwahi	
11	Bamraha	
12	Sindh Phase-II	91.49
13	Narmada Sagar	154.44
14	Bawanthadi	18.80
15	Upper Tapi	46.70
16	Mahi	34.28
17	Pancham Nagar	45.00
18	Chambal L.I.S.	40.00

STATE : MAHARASHTRA—ON GOING PROJECTS :

1	Jayakwadi St. I	141.64
2	Jayakwadi St. II	135.57
3	Warna	113.92
4	Krishna	115.65
5	Kukadi	156.27
6	Bhima	162.50
7	Upper Penganga	111.51
8	Upper Wardha	81.75
9	Upper Godavari	56.37
10	Upper Tap St. I & II (Lining of Canals)	142.25

117	Written Answers	[22 AUG. 1984]	10 Questions	118
1	2		3	4
11	Kal		14.34	
12	Dagh Tulshi		5.71	
13	Bagh		33.67	
14	Itiadh		40.08	
15	Manjra		23.69	
16	Mula		85.66	
17	Khadakwasla		62.15	
18	Pemch		94.47	
19	Surya		27.20	
20	Waghur		23.58	
21	Upper Pravara		74.37	
22	Kalisarar		3.52	
23	Chaskaman		38.62	
24	Nandur Madhmeshwar		45.42	
25	Lower Dudhana		29.80	
26	Bawanthadi		95.31	
27	Dudhganga		65.14	
28	Ishtapuri		40.24	
29	Tillari		7.55	
NEW PROJECTS :				
1	Poshir		11.36	
2	Lendi		19.58	
3	Lower Penganga		135.57	
4	Lower Tirna		20.26	
5	Ghosikhurd		190.00	
6	Lower Wardha		52.98	
7	Lower Wunna		20.78	
8	Wan		17.56	
9	Arunavati		30.87	
10	Tuttuli		30.39	
11	Karwa		10.32	
12	Gated Weir at Khadashi		11.05	
13	Sangola Branch Canal		9.72	
14	Talomba		16.15	
15	Pand		16.86	

1	2	3	4
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STATE : MANIPUR—ON GOING PROJECTS :

1	Singda Dam	4.00
2	Thoubal	34.00
3	Loktak Lift Irrigation	40.00

STATE : ORISSA—ON GOING PROJECTS :

1	Mahanadi Delta	562.54
2	Salandi	60.14
3	Anandpur Barrage	48.18
4	Rengali	426.60
5	Upper Kolab	93.93
6	Mahanadi Birupa	Replacement work
7	Upper Indravati	185.83

NEW PROJECTS :

1	Ong Stage-II	32.80
2	Indra Dam (Lower India)	42.00
3	Samkoi	18.40
4	Suberharekha	136.82
5	Kanupur	41.08
6	Addl. Spillway of Hirakud Dam	No addl. benefits.

STATE : PUNJAB—ON GOING PROJECTS :

1	Extn. of Non Perinnial Irrigation to areas in U.B.D.C.	235
2	Beas Unit I and its extn. }	About 2000 in Gang, Bhakra and Rajasthan Canal Systems.
3	Beas Unit II and its extn. }	
4	Diversion weir of Shahnahar Canal	-do-
5	Thein Dam	348
6	Utilisation of surplus Ravi Beas water	252

NEW PROJECTS :

1	Low Dam in Kandi area	4.5
2	Shahpur Kandi ■.	No irrigation benefit
3	Providing irrigation facilities to area lift side of Narwana Branch	12.0

1	2	3	4
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STATE : RAJASTHAN - ON GOING PROJECTS :

	Chambal	242
1	Rajasthan Canal Project St. I	588
2	Jakham	21
	Beas Unit I and its extn. }	About 2000 in the Gang, Bhakra and Rajasthan Canal System.
	Beas Unit II and its extn. }	
	Gurgaon canal	28.20
3	Mahi Bajaj Sagar	71.50
	New Okhala Barrage	No direct benefits
4	Rajasthan Canal Project St. II	670.0

NEW PROJECTS :

1	New works of Chambal	53.0
2	Narmada	Not available
3	Mt. Abu Hydel Irrigation Project	1.20
4	Bilaspur Irrigation-cum Water supply Project	4.00
5	Thein Dam	Already shown under Punjab
6	Nohar Feeder	26.00
7	Sidhmukh	66.00

STATE : TAMILNADU ON GOING PROJECTS :

1	Chittarpattanamkal	15
2	Paramhikulam Aliyar Project	101
3	Modernisation of Vaigai Canal	4
4	Modernisation of Periyar Vaigai System	10
5	Modernisation of channels in Cauvery Delta	Stabilisation

NEW PROJECT

1	Parambikulam Extn.	56.66
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STATE : UTTAR PRADESH ON GOING PROJECTS :

1	Ramganga	591.11
2	Sarda Sahayak	1582.00
3	Gandak	308.39
3	Kosi Irrigation	48.80
4	Adwa	16.98

1	2	3	4
5	Dohari Ghat Sahayala	45.81	
6	East Baigul Reservoir	15.35	
7	Tehri	270.00	
8	Strengthening of Sarda Sagar	No addl. benefits	
9	Remodelling Bhingoda Head Works	Do.	
10	Increasing capacity of Narainpur Pump Canal	72.92	
11	Jamrani Dam	62.57	
12	Lakhwar Vyasi	49.57	
13	Madhya Ganga Canal	178.00	
14	Parallel Lower Ganga Canal	90.00	
15	Shahzed Dam	20.24	
16	Sone Pump Canal	31.27	
17	Kanhar Irrigation	32.00	
18	Maudha Dam	27.70	
19	Rajghat Dam	142.00	
20	New Okhla Barrage	No direct benefits.	
21	Urmil	4.77	
22	Raising of Meja Dam	14.70	
23	Sarju Nohar Pariyojna (Left Bank Ghagra Canal)	1404.00	
	Bansagar	134.00	
	New Tejjwala Barrage	Replacement work.	
24	Suheli	17.50	
25	Increasing capacity of Zamania Pumped Canal	25.72	
26	Eastern Ganga Canal	105.00	
27	Bewar Feeder	18.28	
28	Madho Tanda Irrigation	17.60	
	NEW PROJECTS:		
1	Kishau Dam	271.00	
2	Kotli Bhal Dam	260.00	
3	Arjun Sahayak	65.00	
4	Increasing capacity of Bhopali Pump Canal	37.00	
5	Increasing Capacity of Chillimal Pump Canal	7.77	
6	Lining of Lower Ganga Canal	No addl. benefits.	

1	2	3	4
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STATE: WEST BENGAL—ONGOING PROJECTS:

1	Mayurakshi	250.86
2	Barrage & Irrigation System of DVC	515.30
3	Kangasabati	401.66
4	Teesta Barrage St. I, Phase I	379.60

NEW PROJECTS:

1	Bamangola Habibpur Lift Irrigation	36.00
2	Tangon Valley	77.00
3	Barakeshwar Reservoir	45.00
4	Siddeswari Reservoir	55.00
5	Ajoy Reservoir	20.00
6	Teesta Barrage Project 2nd Sub Stage of Stage-I of Phase-I	162.00
7	Barrage on Subernarekha at Bhora Ghat	130.00
8	Upper Kangasabati	59.00
9	Lift Irrigation Scheme for Gazel Area	45.00

STATE: GOA, DAMAN AND DIU—ONGOING PROJECT:

1	Salauli	14.5
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Statement II

*Names of major Schemes already completed
or anticipated to be completed by 1984-85*

Sl. Name of State/Project
No.

Andhra Pradesh

1. Improvements to Nizam Sagar Stg. I
2. Samalkot Summer Storage Reservoir.

Bihar

3. Rajpur Canal.

Gujarat

4. Kakrapar
5. Mahi Stage-I
6. Sabarmati

Sl. Name of State/Project
No.

7. Ukai

8. Kadana

Haryana

9. WJC Remodelling

Bear Unit I & Extn.

Beas Unit II & Extn.

10. Loharu Lift Irrgn.

11. Sewani Lift Irrgn.

12. Augmentation Canal Project.

Sl. Name of State/Project
No.

Karnataka :

13. Tungabhadra RBC & LBC
14. Kabini (Non-Plan)

Kerala :

15. Periyar Valle
16. Kuttiadi
17. Pamba
18. Pazhassi

Madhya Pradesh :

19. Bhandar Cnaal
20. Hasdeo RBC
21. Halali
22. Chambal
23. Barna
24. Tawa
25. Sukta
26. Rangwan HLC

Maharashtra :

27. Bagh
28. Itiadhoh
29. Kal
30. Tulshi
31. Manjra
32. Mula

Orissa :

33. Salandi
34. Mahanadi Delta

Punjab :

35. Extension of Non-perennial Irrigation to areas in UBDC tract.
36. Beas Unit I & Extn.
37. Beas Unit II & Extn.
38. Diversion weir of Shahnahr Canal
39. Utilisation of surplus Ravi Beas Waters.

Sl. Name of State Project
No.

Rajasthan :

- Beas Unit I & Extn.
- Beas Unit II & Extn.

40. Rajasthan Canal St. I

Tamil Nadu :

41. Chittarpattanamkal
42. Modernisation of Vaigai Channel

Uttar Pradesh :

43. Ramganga
- Gandak
44. Kosi
45. Adwa
46. Dohrighat
47. East Baigul
48. Paralle Lower Ganga Canal
49. Suheli
50. Madho Tanda

West Bengal :

51. Mayurakshi

Primary Health Centres

2611. SHRI HUSEN DALWAI;
SHRI GHULAM RASOOL
KAR:

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state;

(a) the number of Primary Health Centres existing in India at present;

(b) whether Government have decided to convert all the sub-centres into full fledged Primary Health Centres; and

(c) whether any time limit has been fixed for this purpose; if so, the details thereof?

THE DEPUTY MINISTER IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (MISS KUMUD BEN M. JOSHI): (a) As per information available,