

HIS MAJESTY'S GOVERNMENT OF NEPAL MINISTRY OF WATER RESOURCES

MASTER PLAN STUDY ON THE KOSI RIVER WATER RESOURCES DEVELOPMENT

FINAL REPORT

Volume 5 DATA BOOK

MARCH 1985

JAPAN INTERNATIONAL COOPERATION AGENCY

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FINAL REPORT

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MARCH 1985

JAPAN INTERNATIONAL COOPERATION AGENCY

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Crop Budget Per He			seeda)			•					8
Crop Budget Per He		•									8
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METEOLOLOGICAL STATIONS IN THE EASTERN TERAI

TABLE 1

Index N	No. Station Name	LATLONG. (Deg/Min)	Elevetion (EL m)	Established Date	(Y)	Exist (B)	ing (C)	Data (D)	(E)	(F)
1111	anakpur Airpo	6/43 - 85/5		an. 196	ŧ	+	÷	1	1	 1
	ni Baz	6/55 - 86/1		ul. 195	ŧ	ŧ	J	ı	ł	1
1774	Hardinath	6/48 - 85/5		ov. 196	ŧ	ł	÷	ŧ	ł	÷
01110	smann	6/53 - 85.2	Ο	eb. 197	ł	1	1	ł	ł	I
1119	Gaushala	26/53 - 85/47	200	Feb. 1979	Ŧ	, I	1	I	þ	I
5	Lahan	6/44 - 86/3	$\mathbf{\omega}$	ec. 195	ŧ	I	ı	ł	1	I
5	Siraha	6/39 - 86/1	0	au. 194	Ŧ	ł	1	L	1	I
2	5 1 1 1 0	6/33 - 36/4		ec. 197	ŧ	1	1	ł	I	Ì
2	majhły	6/36 - 86/5		ep. 197	ŧ	ł	J	I	ŧ	I
ň	ran	6/49 - 87/1	4	an. 194	ł	1	1	I	ł	ł
m	Karaincha	6/37 - 87/2		pr. 195	t	1	3	I	ı	ı
÷	5	6/49 - 87/1	œ	un. 194	+	1	;	ł	L	ŧ
•	iratna	26/29 - 87/1		ul. 196	ŧ	ŧ	t	ł	1	ŧ
N	ahara	6/42 - 87/1	0	ul. 196	ł	ł	ł	+	ł	ŧ
ĊV.	haran British Ca	6/47 - 87/1		φ	ŧ	1	J	ł	1	
1408	amak	26/43 - 87/4	Ś	. 195	ł	ł	ŧ	l	ł	1
0	- 14	3/68 - 87/5		ar: 195	t	ı	ı	ŧ	ł	ι
1412	Chandra Gadhi	6/34 - 86/0		eb. 197	ŧ	1	1	I	1	ı
~ -	Sanishchare	6/41 - 87/5		п, 197	ł	ł	Ŧ	t	1	ł
Note:	(A) Precipitation(D) Evaporation	(E) Temperature(E) Wind Velocit	(C) Humidit ty (F) Sunshi	dity bine Hour						

- 1 -

TABLE 2

Index No. 1111 Station: Jarakpur Airport

сı	JAN	FEB	MAR	APR	MAY	JUN	ЧЧ,	AUG	SEP	oci	NON	DEC	Total
	-	16	29	72	27	173	154	279	68	- 87	2	1	1
	+	6 6	-	28	23	483	425	253	218	58	Q	0	1,479
	m	e	0	78	80	211	257	245	62	64	7	o	1,025
	0	61	9	0	0	329	193	113	224	1 8	ю	0	50 6
	41	с Г	12	5	86	367	156	243	148	183	0	0	1,270
	म	0	28	37	34 34	220	553	341	167	17	0	2	1,403
	ŝ	10	58	ŝ	F-	221	556	621	335	32	0	0	1,412
	60	F	0	95	130	182	183	244	98 8	0	0	0	1,090
	0	ŝ	O	39	159	51	321	287	28	170	17	なな	1,148
	10	۲	33	15 2	98	146	191 170	185	125	107	5	•	1,203
	00	ě	0	*	•-	130	389	160	175	87	51	80	1,011
	N	0	Ś	ហ	131	127	345	170	232	32	0	0	1,049
တ	8.6	7.6	14_3	26.4	64.0	0.000	322 8	त म्यट	160 6	66 2 66	л т Т	. C . L	0 917 1

- 2 -

TABLE 3 (1 of 2) Index No. 1112

PRECIPITATION

YEAR JAN FEB MAR MAY JUN JUL AUG SEP OCT NOV DEC 'IO 1955 - - - - - - - 751 303 79 8 5 0 1 2 1 2 1 2 0 1 2 1 2 1 2 1 2 1 2 1 23 152 153 144 43 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 2 1 <th></th> <th>D</th> <th>nit: mi</th> <th>Unit: millimeter</th>												D	nit: mi	Unit: millimeter
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ь С		DEC	Total
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1955	I	I	ł	4	1	ł	751	303	62	ω	ى ا	0	ł
	1956	33	0	17	27	149	583	327	532	189	777	Э Ц	f	2,075
27 0 0 52 31 123 239 545 259 177 3 61 51 2 46 38 65 333 152 155 281 155 0 0 61 2 38 65 333 152 155 281 155 0 0 61 2 38 65 333 152 157 225 244 0 0 91 20 9 7 226 544 90 48 15 149 20 23 34 20 27 225 244 981 162 345 156 149 0 <td>1957</td> <td>6</td> <td>m</td> <td>\$</td> <td>0</td> <td>16</td> <td>149</td> <td>312</td> <td>277</td> <td>143</td> <td>128</td> <td>0</td> <td>9</td> <td>1</td>	1957	6	m	\$	0	16	149	312	277	143	128	0	9	1
$ 51 2 46 38 65 333 152 157 281 155 0 0 0 \\ 0 0 0 0 0 0 0$	1958	27	0	0	52	ε	123	239	545	259	177	რ	61	1,517
0 0 49 0 74 240 700 257 225 24 0 0 0 50 0 6 60 315 206 541 90 48 15 34 20 25 6 67 360 231 226 220 28 15 34 20 215 205 541 90 48 15 34 20 21 231 226 220 2 2 44 0 0 157 137 283 294 197 126 149 2 0 0 157 21 21 137 283 294 197 126 149 2 <t< td=""><td>1959</td><td>51</td><td>N</td><td>510</td><td>38</td><td>65</td><td>333</td><td>152</td><td>155</td><td>281</td><td>155</td><td>0</td><td>0</td><td>1,278</td></t<>	1959	51	N	510	38	65	333	152	155	281	155	0	0	1,278
0 50 0 6 6 315 205 541 90 48 15 4 34 20 25 6 67 360 231 226 220 2 0 0 0 0 31 51 137 283 294 197 126 149 29 0 0 0 0 31 51 137 283 294 197 126 149 29 0 0 0 0 31 51 137 283 294 197 126 149 29 0 0 0 0 15 2 14 464 981 162 345 126 0 0 9 2 2 1 41 640 989 104 21 8 0 0 0 13 4 16 1640 989 104 21 8 0 0 0 14 6 141 640 989	1960	0	0	6t	0	74	540	700	257	225	れて	0	0	1,569
34 20 25 6 67 360 231 226 220 2 0 0 0 0 31 51 137 283 294 197 126 149 29 29 0 0 0 0 15 2 14 464 981 162 345 126 29 0 0 9 2 0 15 2 14 464 981 162 345 126 29 0 0 9 2 0 38 211 642 188 60 24 0 0 9 2 0 91 411 640 989 104 21 8 0 0 16 17 441 640 989 104 21 8 0 0 0 0 0 14 16 21 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1961	0	50	0	Q	60	315	206	541	60	48	15	*	1,335
0 0 31 51 137 283 294 197 126 149 29 0 0 0 15 2 14 981 162 345 126 149 29 0 0 0 15 2 14 464 981 162 345 126 149 29 0 0 9 21 24 398 717 642 188 60 24 17 9 2 0 38 21 24 398 717 642 188 60 24 0 9 2 0 91 41 640 989 104 21 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 16 14 21 25 25 104 21 12 14 14 14 14 14 14 14 14 14 14 14 14 14	1962	чк В	20	25	9	67	360	231	226	220	S	0	0	1,191
0 15 2 14 464 981 162 345 126 0 0 9 1 16 345 126 0 24 126 0 0 9 21 24 398 717 642 188 60 24 0 0 9 21 24 398 717 642 188 60 24 0 0 9 21 24 398 717 642 188 60 24 0 0 9 23 293 293 293 293 526 252 116 26 0 0 10 10 31 262 323 293 526 252 116 0 0 0 0 0 0 0 0 0 0 0 10	1963	0	0	ω Γ	5	137	283	294	791	126	64:	5ð	0	1,297
0 0 38 21 24 398 717 642 188 60 24 0 9 2 0 91 41 640 989 104 21 8 0 9 2 0 0 11 10 333 593 593 593 526 25 1 6 0 0 10 11 10 333 593 293 293 526 25 1 8 0 0 10 11 10 333 593 293 293 293 293 293 2116 1	1964	0	0	15	Ņ	44	164	981	162	345	126	0	0	2,109
9 2 0 0 91 41 640 989 104 21 8 0 0 0 933 593 593 526 25 0 0 60 2 335 51 262 252 116 0 0 18 31 6 10 36 324 295 321 262 222 116 0 0 18 31 6 10 36 249 395 213 10 0 0 18 31 26 334 296 366 262 20 0 0	1965	0	0	38	21	57	398	717	642	188	60	ਸ ਟ	0	2,112
0 0 93 11 10 333 593 526 25 0 0 60 2 36 0 4 255 321 262 222 116 0 0 18 31 6 10 36 349 395 213 10 0 0 18 31 6 10 36 334 296 366 262 2 0 0 0	1966	თ	ŝ	0	0	91		640	989	104	21	ю	0	1,905
60 2 36 0 4 255 321 262 222 116 0 0 4 6 17 44 9 249 395 213 10 0 0 18 31 6 10 36 334 296 366 262 2 0 0	1967	0	0	Ю б	11	10	333	593	293	526	25	0	0	1,884
4 6 17 44 9 249 392 395 213 10 0 1 18 31 6 10 36 334 296 366 262 26 0 0 1	1968	60	N	36	0	7	255	321	262	222	116	0	0	1,278
18 31 6 10 36 33 ⁴ 296 366 262 26 0 0 1,	1969	4	è	17	* *	თ	249	392	395	213	10	0	0	1,339
	1970	18		9	0	36	334 3	296	366	262	26	0	0	1,385

TABLE 3 (2 of 2)

apan		i Bazar
1112 Chis	1112	Chisapani
Index No. Station:		Station:

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	JAN	FEB	MAR	APR	MAY	NUC	JUL	AUG	SEP	oci	NON	DEC	Total
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0	m	5	149	257	453	4:18	411	141	159	0	0	1,993
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0	28	ഗ	32	81	131	333	123	215	e	0	0	921
0 20 22 85 171 510 662 430 117 0 6 29 3 21 136 241 800 172 339 85 0 0 6 5 11 38 154 402 326 367 210 112 0 0 2 0 111 122 75 248 591 353 170 22 4 2 0 111 122 75 248 591 353 170 22 4 59 3 74 48 307 393 551 427 147 25 11 19 8 13 105 266 461 275 93 94 0 0 10.9 21.0 30.7 76.2 289.6 429.2 37.1 3.7 1, 3.7 1, 3.7 1, 3.7 1, 3.7 1, 3.7 1, 3.7 1, 3.7 1, 3.7 1, </td <td>76</td> <td>0</td> <td>28</td> <td>σ</td> <td>87</td> <td>445</td> <td>89</td> <td>165</td> <td>382</td> <td>195</td> <td>ന</td> <td>0</td> <td>1.479</td>	76	0	28	σ	87	445	89	165	382	195	ന	0	1.479
29 3 21 136 241 800 172 339 85 0	œ	0	50	22	85	171	510	662	430	117	Q	Q	2,031
5 11 38 154 402 326 367 210 112 0	19	29	m	2	136	241	800	172	339	85	0	0	1,845
2 0 111 122 75 246 591 353 170 22 4 -	13	ŝ	11	38	154	201	326	367	210	112	0	0	1.638
- -	0	0	0	111	122	75	248	591	353	170	22	t	1.698
59 3 74 48 307 393 551 427 147 25 11 19 8 13 105 266 461 275 93 94 0 0 10.9 21.0 30.7 76.2 289.6 429.2 378.4 242.5 92.2 7.1 3.7 1,	I	* 1	t	ı	I		1	•	1	1	.1		
19 8 13 105 266 461 275 93 94 0 0 10.9 21.0 30.7 76.2 289.6 429.2 378.4 242.5 92.2 7.1 3.7 1,	Q,	59	m	74	4 8	307	393	551	427	747	25	۰ ۲۰	2,051
10.9 21.0 30.7 76.2 289.6 429.2 378.4 242.5 92.2 7.1 3.7	 0	19	ω	۴ ۳	105	266	461	275	6 6	46	o	0	1,334
	18.7	10.9	21.0	30.7	76.2	289.6	429.2	378 - 4	242-5	92-2	7.7	3.7	1,600.2

- 4 -

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E	

Index No. 1114 Station: Hardinath Unit: millimeter Total 1,564 ,365 1,203 4.2 1,265.3 987 869 , 655 1,306 1,588 860 1,287 ,377 , 121 DBC ο o O 5 R NOV 2 5 1 5 ណ្ 0 0 ហ Ο Ο m ው 0 0 O Ο 70.3 ដ្ដី 92 **m** ŝ 77 77 33 4 5 217 69 25 17 166.3 106 123 168 285 26 62 120 SEP 197 204 361 182 161 280.8 AUG 532 282 340 155 294 396 180 302 130 266 331 161 363.1 532 270 582 258 305 433 379 Ę 160 204 201 722 31 218-3 ß 366 196 186 130 23 240 291 224 404 ណ្ដ 46 227 81.6 MAY 172 63 წ 106 102 138 28 8 ŝ 76 52 APR 43-6 8 22 63 2 129 23 \$2 ក្ ಸ್ N ন MAR 12.3 5 8 7 φ 抹 0 ត FEB ი ი 26 σ õ N 2 0 s 5 JAN 10.3 0 0 ŝ \circ ß σ ŝ 크 O σ Average YEAR 1969 1970 1976 1979 1980 1971 1972 1973 1974 1975 1978 1977

- 5

TABLE 5

Index No. 1118 Station: Manusmara

YEAR	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	oct	NON	DEC	Total
1971	٠	•	i	1	F	E		•	1		1	- 1	1 .
1972	ŧ	I	٠	ŧ	1	ł		ł	ł	I	ı	l.	1
1973	1	1	ł	Ŧ	1	1	•	1	1	ł	J	ł	1
1974	I	ı	I	1	I	I	E	I		ı	ł	I	
1975	I	I	I	I	1	ł	I	•	I	I	ı	ł	I
1976	ł	1	Ţ	ł	ı	ı	١.	1	1	Ţ.	1	1	I
1977	ł	٠	ł	ŧ	1	ł	1	ł	ł	ł	р И	•	
1978	I	. I	ł	r	1	I	ľ	1	1	١	٩	I	I
1979	I	41	ę	Ω	14	198	481	338	235	88	10	25	1,417
1980	0	N,	ŝ	ŝ	108	182	259	224	178	34	0	0	1,004
Average	0	8	8.0	7_5	61 C		0.028	0 - QC	206 E	61 D.	c u	и с.	10 E 1 210 E

6

PRECEPTATION

TABLE 6

Index No. 1119 Station: Gaushala

YEAR	JAN	FEB.	MAR	APR	MAY	J'UN	201	AUG	SEP	tu o	NON	DEC	Total
1971	1	1	•	4		•		I	1	t	1		1
1972	ł	1	١	ŧ	I	I	ľ	ł	•	ı	,	ı	1
973	1	ł	1	ι	,	I		ł	I.	I	ı	ı	t
426	1	,	١	t	,	I	t		•	ļ	ı	1	I
975	ı	ı	1	t	,	1	I	ł	ı	ı	ı	I	1
976	I	ł	٢	I	,	I	•	1	ľ	8	ł	I	•
577	ı	1	s	I	i	ı	ł	l	1	ŧ	ı	ı	t
1978	I	ł	5	ι	I	ł	1	I	. I	ł.	ł	ł	I
1979	i	1	0	42	17	152	528	307	170	69	27	21	
1980	0	0	26	24	1	ŧ	277	470	156	67	0	0	
Average	0	0	13-0	27.0	17.0	17.0 152.0	402.5	388.5	163-0	68.0	6.0	10.5	10-5 1,247.5

-7-

TABLE 7 (1 of 2)

1215 Taban	
Index No. Station:	

YEAR	JAN	FEB	MAR	APR	XWX	NDC	JЦ	AUG	SEP	5 O	NOV	DEC	Total
1956	52	۴.	10	Q	171	456	277	225	171	296	52	~	1.689
1957	89	0	S	0	ο	75	289	216	116	78	0		881
1958	32	0	0	63	ងប	290	154	535	139	185		. r	1.459
1959	56	0	З2 З	31	ъ Г	797	201	105	175	119	0	· 0	1.188
1960	0	0	86	0	64 #	251	304	184	40t	ស្	0	0	1.293
1961	•	198	0	25	183	644	145	191	110	118	0	0	1.719
1962	0	32	15 15	ω	102	222	124	611	132	797 7	0	• •	1.410
1963	Ö	0	12	176	152	471	469	465	157	195	55	0	2.062
1964	0	0	F T .	37	0 7	29	744	102	302	78	0	0	1.343
1965	0	0	75 97	26	16	355	944	565	165	32	29	0	1.668
1966	20	υ. Έ	0	0	777	56	396	892	93 93	33	10	ω	1.618
1967	0	0	64	27	+- ;;	260	***	175	265	0	0	0	1.276
1968	•	0	67	0	77	168	564	280	375	124	0	0	• •
696]	0	15	18	67	53	291	303	504	61	36	C	с	120 1

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TABLE 7 (2 of 2)

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No.
dex

1215	Lahan
Index No.	Station:

YEAR	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	oct	NOV	DEC	Total
1970	ㅋ	0	-	16	6 <i>t</i> 7	266	638	184	193	55	0	0	1.716
1971	0	7	9	149	212	386	412	275	267	105	15	a	1-834
1972	0	27	N	54	39 8	268	717	85	オオン	ŝ	Ó		1.137
1973	62	20	2	10 10	146	425	143	294	212	129	13	0	1 477
1974	۲- ۲-	0	54	29	189	270	769	541	305	43 4	C) I	•	
1 975	11	ۍ ۲	Ś	27	111	336	793	185	530	1	0	0	
1976	2	35	-	7	234	ロオオ	281	430	116	48 17	• •	• C	1 - 502
1977	0	0	0 1	61	201	130	944	422	87	178	, 0 Ľ	א א	1 620
1978	10	10	20	83 83	183	110	320	258	68	60		5	150
1979	ò	25	0	0 7	なな	155	485	176	181	134) ()	2 5	1 280
1980	0	0	50	10	131	108	428	184	223	, m	οġ		1,107
Average	14 14 10	15.5 1	1 22	0 11 0	0 0 0	0 090	010						

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TABLE 8 (1 of 3)

	:						-					Unit: m	millimeter
YEAR	JAN	FEB	MAR	APR	MAY	NDC	JUL	AUG	SEP	OCT	NON	DEC	Total
2461	ŧ	t	1	•	8	1	451	246	150	92.	0	0	
1948	0	12	თ	10	106	114	526	252	143	98	134	0	1,404
1949	22	52	0	89	178	383	381	252	177	155	0	0	1,689
1950	11	0	ល ដ	0	133	295	153	042	92	0	0	Ö	967
1951	<u>م</u>	0	თ	18	74	としさ	260	272	150	36	<u>7</u>	0	1,311
1952	0	23	16	63	270	36	360	224	217	30	ο	0	1,239
1953	26	0	ㅋ		92	263	459	191	ちちろ	m	0	0	1,283
1954		9	-7	0	72	258	167	515	246	25	0	0	1,918
1955	0	0	2	32	8	236	817	221	105	29	0	0	1,524
1956	53	₹	15	15	215	511	312	294	284	279	60	r -	2,316
1957	89	6	N	N	ω	237	251	398	с Ц	36	0	9	1,076
1958	35	F	0	247	58	262	279	1,225	293	27 7	0	0	2,242
1959	148	0	21	34 34	25	170	117	61	225	104	0	0	892
1960	C	C	տ 80	C	85 85	110	319	キャ キャ	291	15 25	0	0	1.058

TABLE 8 (2 of 3)

YEAR JAN FE3 MAR APR MAY JUN JUL AUG SEP OCT NOV DEC Total 1961 0 60 0 12 88 269 334 434 124 105 5 3 1,432 1961 0 60 0 12 88 269 334 434 124 105 5 3 1,432 1962 15 14 13 58 196 33 171 374 26 0 1,236 1964 0 0 33 341 318 564 148 100 17 3 1,243 1964 0 0 17 318 564 148 100 19 1,216 1,216 1,216 1,216 1965 54 12 12 128 148 100 19 1,216 1,216 1,216 1,216 1,216													Unit: 1	millimeter
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	YEAR	JAN	FEB	MAR	APR	MAY	NUL	Jul.	AUG	SEP	oct	NON	DEC	Total
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1961	0	60	ο	12	88	269	334	#8#	124	105	ى ا	ι m	1,434
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1962	18	15 15	4	13	58	196	85	568	66	162	0	10	1,238
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1963	C	0	15	56	80	218	289	193	139	170	5	0	1,216
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1964	0	0	39	31	82	64	485	171	374	26	0	0	1,272
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1965	0	0	747	2	39	341	318	564	148	100	61	0	1,583
0 0 63 33 39 244 361 100 206 41 0 0 36 0 10 0 63 33 39 244 361 100 206 41 0 0 36 0 10 0 60 214 249 342 86 0 0 0 0 2 2 33 51 112 159 387 154 5 0 0 0 0 2 2 33 51 112 159 387 154 5 0 0 0 0 114 0 0 114 10 124 124 101 129 140 174 10 129 144 101 327 65 0 0 0 0 144 101 121 121 121 121 121 121 121 121 121 121 121 121 121 121 121 121 121 121 121	1966	54	12	0	0	61	20	389	662	148	. 24	15 15	ġ	1,405
36 0 10 0 60 214 249 342 86 0 0 2 2 2 33 51 112 154 5 0 0 2 2 33 51 112 159 387 154 5 0 0 2 33 51 112 159 387 154 5 0 0 1 12 53 334 422 264 190 179 14 5 0 14 10 14 10 10 10 10 10 14 14 14 14 14 14 14 14 14 15 14 15 14 14 14 14 14 14 14 15 14	1967	•	0	63	33	39	244	361	100	206	11	0	0	1,087
2 2 32 33 51 112 154 5 0 0 0 12 0 10 53 334 422 264 190 37 0 0 4 12 0 10 53 334 422 264 190 37 0 0 4 12 0 233 334 422 264 190 37 0 0 4 1 0 53 334 422 264 190 37 0 10 10 10 10 10 10 10 14 10 12 12 10 10 10 10 10 10 10 14 10 10 10 10 10	1968	36	Ö	10	0	60	214	549	342	86	0	0	Ċ	997
0 12 0 10 53 334 422 264 190 37 0 0 4 5 0 222 205 320 375 409 179 19 14 0 - 27 17 1 28 45 301 101 327 65 0 0 0 27 10 4 23 117 461 121 213 120 206 0 0 27 10 4 23 117 461 121 213 120 206 0 0 5 2 35 44 65 186 623 447 283 36 0 0	1969	N	N	32	33	51	1.12	159	387	154	ۍ ۲	0	0	937
¹ 5 0 222 205 320 375 409 179 19 14 0 - 27 17 1 28 445 301 101 327 65 0 0 27 10 4 23 117 461 121 213 120 206 0 0 27 10 4 23 117 461 121 213 120 206 0 0 5 2 35 44 65 186 623 447 283 36 0 1	1970	0	27	0	6	53	334	422	264	190	37	0	0	1,322
- 27 17 1 28 45 301 101 327 65 0 0 27 10 4 23 117 461 121 213 120 206 0 0 5 5 2 35 44 65 186 623 447 283 36 0 1	1971	₽\$	ſſ	0	222	205	320	375	409	179	19	7 - -	0	1,752
27 10 4 23 117 461 121 213 120 206 0 0 5 2 35 44 65 186 623 447 283 36 0 7	1972		27	17	• •	58	1 1 1 1 1	301	101	327	65	0	0	•
5 2 35 44 65 186 623 447 283 36 0 7	1973	27	10	ন	23	117	191	121	213	120	206	0	0	1,302
	1974	ហ	N	35	なな	5 9	186	623	244	283	36	0	t-	1,227

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TABLE 8 (3 of 3)

Station: Siraha

Unit: millimeter

						`	
Total	1-906	877 F	1.251	1 400	. C . L	1,634	1.391.9
DEC	0	• c	3C		<u>,</u> न	0	0
NON	0	0	-1	777	11 17	0	12.4
- CC O	59	50	151	102	68	<u>자</u> 두	70.0
SEP	510	103	87	145	305	336	197.7
AUG	192	533	333	302	107	413	340.3
JUL	240	142	280	504	456	574	375-9
Nor	271	303	138	66	170	147	227.7
хw	62	145	130	117	ſ	127	91.0
APR	20	13	46	ц С	г т	0	28.9
MAR	S	Ö	Ó	27	m	4	16-2
FEB	15	54	'n	10	20	0	10.8
JAN	1	26	ò	23	20		18-9
YEAR	1975	1976	1977	1978	1979	1980	Average

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TABLE	Ġ					PRECIPITATION	TATION						
Index No. 12 Station: Ra	1223 Rajbiraj			·						• •	1	Unit: millimeter	.111me
YEAR	JAN	FEB	MAR	APR	MAY	NUL	J 01	AUG	SEP	oct	AON	DBC	Total
1971					1				1	ł	1	•	
2721	~	53	ო	17	56	11911	273	211	353	m	9	0	1,323
1973		١	ı	ı	ı	I	•	1	ł	ı	ł	ı	
1274	œ	0	23	80 80	92	266	486	376	252	67	0	N	1,610
5721	-	00	N	52	27	316	199	138	357	53	0	0	1,146
1976	0	<u>न</u> त	0	19	96	341	265	255	163	54	0	0	1,244
1977	0	0	σ	33 33	65	149	187	280	58	109	1 T	36	958
1978	9	13	10	66	76	87	404 404	104	153	51	28	0	1,066
1979	N	25	0	63	4	138	758	195	267	28	Ø	23	1,541
1980	0	e	7F	02	196	156	727 7	217	235	33	0	0	1,342
Average	9 *	14.6	0-6	34.5	80.6	239-6	384.5	210.3	229-8	53-3	10_4	7.6	1,287.8
										· .			

TABLE 10

Index No. 1226 Station: Barmajmiya

Unit: millimeter	NOV DEC Total		- F	1		; ;	9 1 1 1				111500
	N OCT	-	. 1	,	ı	1	1 6				· · ·
	SEP	,	ı	ı	i		1	1 1	1 1 1 1	1 2 1 1 1 1 2 1 1 1	121 150 294
	AUG	1	I	•	1		t	- 336 336	336 492	- 336 492 101	336 101 333
	ייטד	ľ	I	1	1		I	284 I 284	- 284 207	- 284 207 697	- 284 207 697 1,054
	NUL	ł	ł	1	1		ļ	364	364 99	364 I 364 I 387	364 1 364 1 228
	MAY	t	1	1	1		t	ι Γ	. 8 186 86	81 85 862	262 262 0
	APR	.	I	t	ł		I	62 - 62 -	52 - 52 -	- 205 - - 105 -	0 t t 0 7 2 5 5 1
	MAR		I	Ţ	1		I	10	100	1000	10000 ;;
	FEB	ł	J.	ı	I			I &	မက္ကမ	1 00 00 1	1 00 0 1 00 1 9 0 0 1
	JAN		4	i	ł		•	25	ပ လ ၊ ဥ ၊	1 N O O	1 N O O O
	YEAR	1971	1972	1973	1974		1975	1975 1976	1975 1976 1977	1975 1976 1977 1978	1975 1976 1977 1978

PRECEPTIATION

TABLE 11

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	oct	NON	DEC	Total
1971	0	0	57 72	212	405	660	730	555	390	312	2	0	3,316
1872	2	39	15	60 1	27	335	719	121	I		22	σ	
1973	33	15 2	2	104	98 8	1,036	426	610	373	266	0	0	2,973
1974	5	0	ω 1-	58	191	343	1,075	386	542	421	0	0	2,744
1975	7		0	60	445	603	728	313.	679	195	0	0	2,737
1976	23	66	0	116	188	610	611	820	562	78	0	•	2,806
1977	0	¢J	0	134	216	337	349	6119	304	167.	35	27	2,220
1978	Q	01	5 7	68	68	267	574	241	252	30	51	0	1,609
1979	'n	91	ŝ	45 2	68	178	685	581	343	194	12	Ť	2,236
1980	0	0	0	33	39	I	259	326	506	τ9	0	0	1 1
Avenace	α α	23 H	4 7 7	α α	11 11 1	2. 10 2.	5 2 5 5 4 5		1 370		t C	- -	

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TABLE 12 (1 of 2)

VFAP	TAN	1 1 1 1 1 1	a dM	Ω Ω	A M	TTM	. TTT	A 110	e E	E C	NOW	15.0	. Totol
11111						~ ^ 7	1	222	Ya2			222	· ·
1956	I	ı	ı	(549	279	177	222	222	273	179	136	
1957	110	228	0	0	246	351	290	165	ŝ	0	80	100	1,588
1958	22	28	0	78	t M	313	354	335	327	0	19	ľ.	1,561
1959	t	ı	ł	1	ı	ı	,	ſ	344	45 45	0	10	-
1960	ō.	44	0	17	68	115	76	13	54	-	0	0	361
1961	31	0	10	80	レヤ	94	319	373	472	253	63	30	1,772
1962	13 13	20	0	53 3	58	233	134	521	238	19	0	0	1,28
1963	0	0	31	117	65	87	197	276	338	219	106	0	1,436
1964	0	0	10	20	0	54	644	t0†	77	16	57	о Ю	1,19
1965	ľ	\$	- 1	1	I	F	I	ſ	l	1	1	I	
1966	•	ı	,	ı	1	i	562	636	190	23	ΰ	0	
1967	0	0	105	47 5	52	385	564	0	0	0	0	0	1,13
1968	0	0	ភ្នំ	0	τ . 8	143	198	225	333	244	0	0	1,418
1969	N	12	70	귀C	101	2115	223	170	263	c	с	c	1 201

TABLE 12 (2 of 2)

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Haraincha	
station:	

YEAR	JAN	FEB	MAR	APR	MAY	NDC	JUL	AUG	SEP	to O	NON	DEC	Total
1970	0	0	0	61	86	308	718	672	283	0	0	0	2,128
1971		I	I	ı	ı	•	I	l	l	I	ı	•	•
1972	1	1	ı	I	I	I	•	I	•	27	11	0	I
1973	25	0	20	16	102	651	331	285	220	212	10	0	1,872
1974	ល	0	73	67	205	233	1,092	659	485	122	0	0	2,938
1975	0	13	0	29	66	807	834	239	620	139	0	0	2,782
1976	18	ň	12	80	276	244	511	064	220		0	0	2,111
1977	0	Ś	ŝ	54	218	284	371	Ю. 1;	128	137	77	о М	1,712
1978	Ö	23	12	108	53	162	449	274	374	10	N	f	1,663
1979	0	14	0	79	62	163	553	610	392	189	27	73	2,162
1980	0	18	0	m	256	564	364	240	276	자 ~	0	0	1,435

TABLE 13 (1 of 3)

YEAR J.	JAN	FEB	MAR	APR	MAY	NUL	Ę	AUG	SEP	ស្ត	NON	DEC	Total
1948	I		I	1	1	362	れられ	381	219	120	91	0	•
1949	11	100	0	153	126	£67	064	377	452	57 87	0	•	2,286
1950	œ	36	12	ω	76	454	389	869	242	т Х	0	Ó	2,118
1951	0	0	31	21	198	485	530	873	274	286	33	0	2,731
1952	0	5 10	មួ ខេ	38	195	185	401	667	456	70	σ	0	2,068
1953	18	N	139	34	48	306	581	371	294	40	t	0	1,834
1954	ন	ಸ ನ	9	21	66	161	1,217	667	168	149	ō	0	2,644
1955	5	0	0	36	72 7	293	569	603	326	N	0	0	1,878
1956	64	ភេ	12	10	228	662	497	321	164	329	58	£	2,458
1957	11	0	0	f	61	266	634	542	405	163	0	21	2,164
1958	03 ‡	0	0	118	112	235	260	552	462	69	0	0	1,851
1959	48	0	50	100	101	483	378	386	239	184	0	0	1,969
1960	0	10	57	0	193	2443	549	396	563	611	0	0	2,260
1961	6 13	63	C F	4	80	010	004	1221	707	375	¢	¢	1 070

~ 18 -

TABLE 13 (2 of 3)

PRECIPITATION

Index No. 1316 Station: Chata

	134	
Chatara	JAN	72

Total	2 2,232	0 2,179	0 2,446	0 2,061	33 2,937	0 2,060	0 2,536	0 1,388	0 1,943	0 2,472	0 2,179	0 2,547	0 2.389
NOV DEC	0	82	0	51	e	f	0	.	0	0	۳.	თ	0
oct	60	112	241	5	142	30	295	20	62	774	53	272	253
SEP	238	386	415	326	307	312	543	102	217	418	344	327	247
AUG	546	328	386	787	951	186.	551	187	343	238	297	691	349
JUL	509	567	1,154	488	1,160	503	761	390	695	359	737	299	968
JUN	411	361	107	283	176	324	291	359	395	552	524	773	338
MAY	126	269	129	68	なれ	148	59	131	172	234	109	54	95 95
APR	208	57	106	t	17	34	31	82	35	175	0 7	τ. ω	06
MAR	57 5	17	Ň	о М	0	122	17	76	10	50	F-	4	0 7
FEB	36	0	0	۲	ማ	0	ŝ	ω	σ	2	30	π£	0
JAN	72	0	0	0	72	0	15	N	IJ	0	33	ы Т	თ
YEAR	1962	1963	1964	1965	1966	1967	1968	1969	1970	1261	1972	1973	1974

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TABLE 13 (3 of 3)

	- 5-
16	4
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	C
No.	•
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Н	v

Station: Chatara	Chatara								i		Ð	Init: m	Unit: millimeter
YEAR	JAN	FEB	MAR	APR	MAY	NOS	Ę	AUG	SEP	CC OC	NON	DEC	Total
9261	10	26	0	8	151	454	664	1013	220	156	コ	0	2,778
1977	0	ŝ	16	88 8	219	300	366	743	190	165	37	22	2,149
1978	~	ω	5 10 17	59	46	511	616	254	136	33	25	Ó	1,783
1979	72	52	۴-	22	51	307	147	516	256	173	6	85	2,227
1980	0	-	t U	Ω	126	350	286	210	383	5 1 1	0	0	1,432
Average	18.9	15.6	25.1	54.8	125.9	394-0	600.3	483-6	330.6	133.6	11.6	5.6	5.6 2,204.6

TABLE 14

Index No. 1319

Unit: millimeter 2,036 1,785 Total 1,672 1,775 1,833 1,205 3,064 1,856.7 2,025 1,701 1,471 ភ្ន 8 O 0 Ó O 0 0 0 ဣ Ο 15.8 NON 0 77 36 Ś O Ó O 5 5 102.3 ត្ត 279 é 198 ဇ္ 161 77 127 80 않 5 254 150 422 ទ ក្នុង 547 279 290 462 281.2 SEP 240 121 349.6 AUG 4<u>5</u>9 223 4522 384 273 174 nt e 464 119 307 110 392 362 777 1,085 625 ណ្ដដ រាជ 623 596 528 521.2 ដ្ឋ 354.1 340 NDC 632 れるさ 223 126 130 176 621 437 174 139.1 MAY ŝ 272 66 138 216 148 178 177 66 ភ្ APR 48.9 Ň 120 88 5 36 ន្ល ហ 96 ഗ ----MAR 18.6 켪 യ g 0 2 2 2 -ស៊ £-Biratnagar Airport FEB ო ი ŝ g N N 0 9 ក្រ Ŷ 5 # JAN 10-6 0 N 켞 ŝ ŝ <u>N</u> \mathbf{O} 5 S 0 Average Station: TEAR 1972 1973 1975 1976 1978 1979 1980 1974 1977 1971

YEAR	JAN	FEB	MAR	APR	MAY	NDC	191	AUG	SEP	ti O	NOV	DEC	Total
1971	2	۴-	10	107	150	529	386	312	314	213	15	•	2,039
1972	され	21	12	11	36	280	500	86 86	200	37	,	0	1,268
1973	54	ŝ	ന	0	79	584	200	190	89	176	्य	m	1,367
1974	17	0	56	コ コ	75	545	677	386	594	76	0	0	1,990
1975	7	თ	0	77 F	100	438	655	153	504	57	0	0	1,937
1976	20	29	۴-	81	165	314 3	314	335	111	18	0	0	1,388
1977	0	-1	2	63	299	195	354	473	91	138	63	33	1,745
1978	4	Ś	17	116	96	194	568	117	169	* -	21	N	1,320
6791	Ŋ	œ	ო	76	70	128	592	395	366	202	16	110	1,971
1980	Ō	23	t- t-	21	168	278	302	288	180	50	0	0	1,291
Average	12.1	10.5	11.5	57.3	123-8	318-5	465.0	2-4-2	231.8	96.6	15.0	14.8	1,631.3

TABLE 15 Index No. 1320

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TABLE 16	16					PRECIPITATION	TATION						
Index No. 13 Station: Dh	1323 Dharan British Camp	iish Camp									ci	Unit: mi	millimeter
YEAR	JAN	FEB	MAR	APR	MAY	NDC	JUL	AUG	SEP	5 OCI	NOV	18	Total
1971	4	I	m	139	335	478	639	290	386	1		-	•
1972	t	F	70	ω 1	83 83	615	668	245	ı	nt M	ı	0	I
1973	28	13	ഗ	0Ê	I	859	t03	617	167	214	ŝ	0	1
1974	10	1	131	52	179	283	921	789	270	416	0	¢V ,	I
1975	₹	12	0	88 98	206	677	1	1	737	186	0	0	1
1976	ហ ដ	59	0	77	119	540	398	730	298	126	0	0	2,392
1977	0	m	31	69	189	307	349	639	262	140	53	26	2.038
1978	9	10	9t	76	61	264	593	159	233	16	36	0	1.505
1979	4	86	0	67	82	275	644	577	6#E	181	62	in t	2.387
1980	0	6	လ	16	102	500	279	199	424	42	0	Q	1,576

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PRECIPITATION

TABLE 17 (1 of 2)

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TABLE 17 (2 of 2)

millimeter	Total	0 2,702	0 2,076	21 2,420	0 1,688	85 3,036	0 1,711	5-9 2,546.6
Unit:	DEC			U.		w		5.
	NON	0	0	777 L	20	40 45	0	16.7
	oct	110	131	195	17	292	68	145.8
	SEP	112	156	287	248	190	353	332.6
	AUG	183	671	602	393	702	383	589.9
	JUL,	685	386	L trtt	523	927	394	727.5
	JUN	t174	797 797	273	540	306	289	450.4 727.5
	MAY	197	121	262	134	68	185	164.5
	APR	36	85	164	17	56	10	72.5
	MAR	•••	Ň	26	24	•	27	20.2
	FEB	4	4	ഹ	ω	56	~1	9.8
o d X	JAN	ហ	15	0	4	έΟ	0	10.8
Index No. 1408 Station: Damak	YEAR	1975	1976	1977	1978	6261	1980	Average

TABLE 18 (1 of 2)

Index No. 1409 Station: Anarmaní Birta

YEAR	JAN	FEB	MAR	APR	XWX	NUL	JUL	AUG	SEP	SCH OCH	NON	DEC	Total
1956	Ŧ	•	ł	26	452	843	458	340	372	243	31		
1957	56	0	0	o	11	306	534	062	23	101	I	I	÷
1958	ı	,	•	I	ł	ı	ľ	ı	I	•	1		•
1959	IJ	0	53	129	28	177	515	260	453	571	0	0	2,639
1960	0	0	51	ο	156	オレオ	716	445	669	г. т	Ö	0	2,552
1961	9	011	12	5	α1	426	525	755	350	26		14	2,327
1962	đβ	σι	-	26	247	505	769	856	347	171	0	0	2,975
1963	0	0	N 1-	36	190	410	489	606	277	146	52	0	2,218
1964	0	0	0	28	41	423	1,092	767 7	189	53	0	0	2,320
1965	0	Q	ო	61	194	361	545	667	300	Ö	0	0	2,236
1966	21	0	Ó	0	69	273	936	925	215	64	0	0	2,488
1967	0	0	32	75	55	445	1,055	213	344	48	0	0	2,314
1968	0	0	O	34	50	147	768	363	399	343	0	0	2,104
1969	0	0	0	0	96	368	527	454	208	0	c	C	727 1

TABLE 18 (2 of 2) Index No. 1409 Station: Anarma

Birta	
Anarmani	
ation:	

YEAR	JAN	FEB	MAR	APR	XAX	NOr	JUL	AUG	SEP	OCT	NON	DEC	Total
1970	17	0	0	57	220	400	636	538	326	69	0	0	2,263
1721	٠	0	0	134	154	808	618	374	468	223	61	0	Ĩ
1972	0	26	0	69	68	577	672	407	296	6	0	0	2,125
1973	თ	4	0	28	156	762	412	459	237	241	0	0	2,308
1974	36	0	86	25	421	£24	1,286	150	317	197	0	N	3,593
1975	m	0	0	29	185	761	931	193	301	242	0	0	2,645
1976	16	22	0	89 77	125	384	386	608	179	62	0	0	1,830
1977	0	N	0	130	163	386	545	1,026	376	194	91	37	2,948
1978	4	9	차 다	107	1 1 1	250	ሬቱተ	318	314	0	5 U	0	1,616
1979	0	23	0	ц С	95	176	894	332	201	72	50	113	2,009
1980	0	5	57	ŝ	212	413	508	421	342	69	0	0	5,044
Average	4 6	6.5	16.0	17 ° 71 19 °	150.1	451_8	681 . 8	524-0	313.9	ta 9171	13.0	4-7	2,366.7

- 27 -

TABLE 19

Index No. 1412 Station: Chandra Gadhi

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I	đ	
	13	

												Unit: n	millimeter
YEAR	JAN	FEB	MAR	APR	X MA Y	NUL	JUL	AUG	SEP	CC OC	NON	DEC	Total
1721	1	I	61	221	167	512	705	.Ett	387	153	07	1	
1972	0	29	Q	38	44	369	580	173	210	ŝ	0	0	1,454
1973	φ	01	0	5	169	427	240	351	198	181	14	0	1,614
1974.	44	0	54	34	131	742	679	074	382	159	0	0	2,706
1975	t	0	0	1	151	0#0	800	145	413 4	776	0	0	• •
1976	۴	71	0	3 †	87	311	.		I	1	I	I	ı
1977		1	٠	•	e .	•	ŧ	5	ŧ		I	I	•
1978	0	28	2	98	128	268	369	152		0	ŝ	0	1,161
1979	0	O	¢V	53	38	218	1,191	197	285	229	14	66	2,293
1980	0	28	00	27	102	317	546	742	669	126	0	0	2,565
Average	2.8	13.6	. 6.7	65.4	113.0	356.2	638.4	367.9	331.9	118.4	-6	4°6	2,032.8

TABLE 20

YEAR	JAN	FEB	MAR	APR	MAY	NDL	2 BS	AUG	SEP	SCI	AON		Total
1972	0	ର	0	91	117	513	717	295	439	24	17		2,235
1973	12	ო	다 -	32	2µ7	757	559	662	331	257	36	0	2,910
1974	25	0	88	52	152	566	1,272	684	408	272	0	N	3,521
1975	-:1	4	0	28	187	593	891	296	570	122	0	۴.	2,696
1976	14	21	t	73	なさし	639	373	580	380	96	F	0	2,322
1977	0	4	36	70	181	203	673	669	rt32	205	140	17	2,663
1978	ന	ω	18	87	283	372	562	366	263	77	10	0	2,016
1979	18	オオ	0	21	226	423	1,089	524	283	89	т т	74	2,785
1980	다. 	28	ě	ω	199	348	516	372	325	116	0	0	1,044

192.9 490.4 739.1 492.1 381.2 135.3 51.3 19.8 15.7 10.0 Average

10.4 2,565.6

27-4

TABLE 21

TEMPERATURE

Index No. 1111 Station: Jarakpur Airport

	י ירא ידני ידע מעלעט ידר ידראדא א	2 400Å 74									Unit:		Centigrade (°C))
YEAR	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	oct	NON	DEC A	Annual Mean
1971	16	17	23	25	28	28	- 24	28	28	26	22	18	23.6
1972	16	11	77	28	32	ξ m	80	29	29	28	21	17	25-1
1973	15	18	22	29	8 7 8	29	29	28	27	25	50	17	23-9
1974	J	17	22	27	28	29	27	28	27	27	22	না	1
1975	13	17	22	27	29	õ	27	52	54	22	16		•
1976	1	ł	22	27	28	28	. 1	1	B	1	1	•	•
1977	I	ı	1	27	28	59	29	29	52	25	53	10 10	I
1978	15	71	22	28	29	0£	53	30	27	26	22	, 8	た。たい
1979	16	17	23	29	31	ω t	30	30	29	26	23	18	25.2
1980	15 2	18	I	ı	I	0 M	53	30	29	25	1	18	ŧ
Average	e 15.1	17.3	22.5	27.4	59+0	29.5	28.2	28.6	27.7	25.6	21.1	17.3	れ-れる

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- 30 -

TEMPERATURE

TABLE 22

Index No. 1114 Station: Hardinath

YEAR	JAN.	FEB	MAR	APR	MAY	NDC	JUL	AUG	SEP	ocr	NON	DEC	Mean
1971	17.2	20-3	24-5	25-7	27.2	28.8	28.9	28.1	27-9	26.5	21.4	17.5	24.5
1972	16.4	16.8	23.1	26-7	27.1	₿ [°]	29-3	28-7	27.7	25.4	21.8	17.71	I
1973	16.7	19_4	22-9	29.5	28.8	29.0	29.6	28.5	28.5	26.3	22.2	17.4	24-9
7974	16_2	17-6	22.6	27.7	28.8	29-8	27.9	28.6	27.8	27-5	22.6	16.0	ヤ ーカ2
1975	16.0	18.3	22.9	28.4	30.7	30°4	28.2	29-0	27-9	27 - 3	20-8	17.2	27.8
1976	16.8	18.5	22.8	27.5	28.2	28.6	28.7	27.8	28.0	25.6	22 - 4	17.0	े. इ.स. २
1977	15.7	18.2	24-0	26.5	27.4	29-0	29.1	28.9	28.8	25.0	22.4	17.6	7-42
1578	15.0	17.2	21.4	26.6	28.0	28.9	28.6	29-4	27.7	26.2	21.6	17.7	24.0
1979	16-9	17-9	21.6	27-5	30.0	30.2	29-0	28-3	28.3	26.3	23-3	18.0	8° 7,2
1980	16.2	19-0	22.8	29.0	28.0	29.2	29.1	29.0	28.3	25-0	22-0	18.4	24.7

24**.**9

17.45

28.09 26.11 22.05

28.84 28.63

29.32

28-42

27.51

22.86

18.32

16-31

Average

- 31 -

8 TABLE

TEMPERATURE

Centigrade (°C)) 23.8 25.0 24.2 24.0 24.7 24.7 77.42 24.1 24.1 Mean 18.2 18.5 DEC 17.1 17-6 16.0 16.6 17.0 17-5 17.2 4-71 Unit: 20-5 23.0 21.9 22.0 22-22 22-2 21.7 21.0 20-8 21_4 NON 25.6 25.8 25_8 26.0 25.9 27.0 26.8 25-3 24.7 ដ្ដ 25-2 28.6 28-3 27.6 27.4 28.8 27.5 28.0 27 4 26-9 27.3 SEP 29.2 27.8 2910 29-2 29.2 29-0 AUG 28.6 28.6 28-8 27-6 28.6 28.6 28.2 28.9 29 . t 27.5 27.8 28.6 28.3 28.5 Ę 30.3 28-2 28.3 29.0 28.0 27.7 28.8 29.1 Nor 28.7 28.4 26.8 МАУ 26.9 28.2 27.6 26.4 30.3 29.9 28.1 28.1 26.7 29-2 APR 26.8 28.0 27.10 26.2 26.3 28.3 29-1 24.9 26.7 MAR 22.9 22.6 23.2 23.3 22.9 23.6 24-3 21-5 22-8 23.0 Index No. 1319 Station: Biratnagar Airport 19.0 18.6 16_6 19.4 19-2 18.6 17.3 17-2 18.1 18.1 14.8 17.2 JAN 16.3 16.2 15.6 16.3 15.7 17-0 1611 YEAR 1972 1973 1976 1978 1979 1980 1971 1974 1975 1977

24.3

17.31

21.67

25.81

27.78

28.70

28.44

28.65

27.9

27.26

23.01

18.21

16.13

Average

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TABLE 24

Index No. 1320 Station: Tarahara

TEMPERATURE

- 110 10 00											Unit:	Centigrade (°C)	de (°C);
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	oct	NON	DEC	Mean
1971	16.3	17-2	21.9	25.1	26.7	28.2	29-2	28.6	28-21	25.9	22.4	6-11-	24.0
1972	16.2	16.8	22.8	26.5	29.5	28.7	28-5	28.1	27.7	26.1	20-4	17.3	24.1
1973	16.4	18.4	22-2	28.2	28.2	27-8	29-1	28.4	27.8	25.6	21-2	:7-0	24.2
1974	15.4	17.3	21.6	26.0	27.2	28.0	27.2	28.0	27.0	26.2	21_4	15-6	23.4
1975	6•#L	18-0	22.0	27.1	27.8	28.6	27.8	28.6	27.4	26.5	20.6	16.9	23.9
1976	15.7	18-3	22.2	26.0	27.6	27.8	28.6	27.8	28.0	24.8	22-2	17.3	23.9
1977	15.7	18.2	23.3	25.6	26.4	27.8	28.6	28.7	28-4	24.4	21.8	17-6	23.9
1978	15.0	17.8	20.7	25.9	28.1	28.9	28.2	29.1	27.4	25-5	21.2	17.6	23.8
1979	16.7	17.6	21.3	27.3	28.9	29.7	28.7	29.1	27.7	25.2	22-5	17_8	7-72
1980	16.0	18.1	22.2	27.8	26.7	59.0	28.8	28.9	28.2	25.2	21.8	18.3	24.3
Average	e 15.83	17.77	22.02	26.55	27.71	28.45	28.47	28.53	27.80	25-54	21-55	17.33	24.0

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Index No. Station:	1111 Janakpur Airport	Airport	-									Unit:	Percent ((%)
YEAR	JAN	FEB	MAR	APR	MAY	NDL	Jul	AUG	SEP	oct	JON	DEC	Mean	
1971	r− 0 ເວີ ໂ	22	3 00 21	57 67	76	82 76	<u></u>	86 86	82 82	08 08	64	11	.	
1972	20 20 20 20 20 20 20 20 20 20 20 20 20 2	- 6 4 7 - 4 1 - 4	たの~	7 5 1 1) 2 1 1 2	2 1 1	t S l' t	် မိ ရ ကိ ရ	25 A 26 A 26 A	2887	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 00 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
1973	26 9 56 9	7 9 7 8 7	5 88 5 08 5 08	ት ൽ ග ෆ	82 63 63	88 88 89	06 6	34 28	5 00 00 00	ನ ಬಿ ಬಿ	87 68	86 71	N=	
1974		72 48	90 97 97 97	+ 8 15 15 15	72	76 62	87 79	85	85 73	82	75 52	<u>0</u> 1 1 1	ဖ်က်	
1975	76 59	49	4 4 M	လို ကို	73 29	90 72	888	81 76	34 77	87 73	82 55	54 76	5-	
1976	6 9 6 9	56 56	20 9 00	47 77 77	79 67	30 200	నా కా లా లా	2 1	98 79 8	85 74 7	₩ 80 80 80	88 88 88	o .+	
1977	6 1		ł I	14	1,	0 0 0 0 0 0	91 86	68 80 80	6 6 0	6 8 8 8	88 83 88 88	87 76	9. w	
1978	9 9 1		8 8 8 9 8 9	72 69	75 90	87 83	06 26	66 66	90 87	87 85	90 76	85 79	· - 0	
1979	90 90	87 75	75	75 66	20 20 20	82	8 0 0 0	88 00 00	92 91	8 8 8 8 8 8	88 1- 2-	6 7 8 6 7 8	50	
1980	92 94		81 80 80	76 63	80 83	88 87	90 90	91 87	89 84	87 90	1 I	91 86	v H	
Average			800	ດ ຕໍ່ບໍ	in v	ដល់	NNI	►					-0 V	
	0.11	N•01	0 · AC	0.70	* *	t 0		V•+0	V•+0	0.00	0 •	N-0	•••	

Note: Upper column = 8:40; Lower Column = 17:40

RUNDITY

TABLE 25

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- 34 -

8 8 1 1 1		ல் ம	0=+	ന്ന	-0-#	3 0	r- (1)	مريح	0 10		0.01	00	.0
Fercent	Mean	- o o	ഗന	5	· O .t	$\sim \infty$	∞ <i>:</i> t	01-11	- ICI	\t~~00	77.9	79.(67.(73.(
Unat:	DEC	0 0 9 0 9 0	87 62	89 71	68 69 90	88 60	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88	98 27	3 22 3 22	67.9	86.2 66.8	76.5
	NON	0 F	282	6 7 8 8 9	49	75 63	8 58 1	287	8 9 7 9 7	78 7 8	76	81.2 70-3	ŝ
	to o	8 8 8 8	37 8 9 7	80 80 80	85 77	84	27 7 17 2 17	84	6.5	() (() (3 6 8	82.6 79.1	80.9
	SEP	600	85 80 80	9 6 8 8	86	87 81	55 F 80 80	18	90 78	80 80	200 000	86.1 81.9	84.0
	AUG	8822	48 79	နှာ လ	800	86 86	1 1	87 80	80 80 80 80 80 80 80 80 80 80 80 80 80 8	808	ဆိုစ္က	85-0 81-6	m.
	JUL	000 7 t	77	48 48	- 6 - 7 - 7	9 0 9 0 9 0	87 78	80	0.6	86 296	35 26	86.2 76.7	
	NUC	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	78 62	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	88	75 63	4: 1 82 1 82	76 56	80 80	52	22	80-4 71-7	76-1
	MAY	77 69	0 0 5 0 7	72 60	40	63 63	4 2 7 7 7	25	48 7 8 7 8	202	40 63	71.2 61.1	66.2
4	APR	0 9 0 2	31	ቱ ቱ ሰ ሰ	0.0 10 7	ភ្លុង ភូស	90 32	8 5	ល្អ ដុ ស្រី សំ	5 6 6	80 R	58 2 42 2	50.2
	MAR	60 00 1- 00	20 7 7 8 7 8 7 8	するため	¢0	38 39 6	ភ្ន ភ្នំស្អ	6.5 M	23 60	4 0 7 7	3 1= 0 1= 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	63.1 46.7	54.9
	FEB	57	80 83	84 96	23	50 00 00	84 61 84	8 8	87 69	i n n n n n n n n n n n n n n n n n n n	61.8	82.2 60.2	71.2
	JAN	85 66	86 66	90 75	6 9 9 9	88 89 90	82 68 68	0 C 0 C	88 75	8899	87 66	86.8 67.4	77.1
	YEAR	1721	1972	1973	1974	1975	1976	1977	1978	1979	1980	A tong po	0

Note: Upper column = 3:40; Lower Column = 17:40

RUMIDITY

TABLE 26

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	3									:	.	Unit:	Percent
YEAR	JAN	FEB	MAR	APR	MAY	NUC	лан Га	AUG	SEP	ьсо С	NON	DEC	Mean
1971	2 8 2 8	85 37	58 58 58	84 65	50 th 100 th 100 th	68 64	90 26	90 26	86 78	88 71	885 63	8 6 5 5	86 8 64 3
1972	17	• 1			1 ł	¥ 1	1 1			1	11	1 1	
1973	15	82 56 2	22 CS CS CS CS CS CS CS CS CS CS CS CS CS C	50 20 20	72 64	85 79	88 7 8 8	83 20 20	မ္လာဆို	78 78	80 72	87 66	78-3
1974	86 64 8	94 70	ထိုတ်ကို	70	77 68	78 67	0 0 0 0 0 0	79 79	86 77	82 76	76 61	20 [.] 20 [.]	ರ್ಷ
1975	86	89		33.73	5 8 9	85 70	11	83 76	86 79	82	81 83	87 60	
1976	8 8 8 8 8 8	0 2 0 0 0		55 39	73 64	86 73	85 76	8 8 8 0	80 80 80 80 80 80 80 80 80 80 80 80 80 8	72	85 86 80 80 80	000	യ് ന്
1977	88 60 8	60 00 14 00 14 00		40 10 4	9 9 1 9	83 76	ω Ω Ω	36 78	7 7 7 8 7 8	976 16	83 72	88 89 89	0 10
1978	65 65 6	51	30 89 30 69	104	71	80 71	86 77	8 8 0 0	8 8 8 0 8 0	000	87 75	0 0 0 0 0	79.7
1979	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	23 88		57	0 60 7 0 0	28 28	80 80 80 80 80 80	86 78	85 77	81 76	4 25 25	91 68 89	a.÷
1980	26 26	53 23		57 32	73 67	79 73	78	83 79	81 78	73	76 62	85 63	~ 00
	89-9 61-3	82.6 51.4	63.4 37-1	61.3 43.9	72.6 60.7	82.4	86.3 78.8	84.9 78.3	84-3 78-1	81.8 74.3	81.6 67.9	87.6 63.1	80 0 63 4
290.72A	75.6	67.0	50.3	52.6	66.7	77_1	82.6	81.6	81.2	78.0	74.8	75.4	2-12

XTIUTAUH

TABLE 27

- 36 -

Percent (%)	Mean	ം പ		ທີ່ສໍ	N- #	ហ៍ល	.≓ o	ဖ်ဝံ		11		75-0 73-4	2.47
Unit:	C B C	7 - 	5 8 8 4 4 8	87 87	20 00 20 00	8 8 8 0 0	747	80 2 2 2	1 1		1 I	83.7 81.3	82.5
	NON	89	80.0 80 80 10	72 82	23 83 83	71 82	75 87	8 8 5 7	i i	1 1	11	73.4 83.7	78.6
	oct	12	1 0 1 0 0 0	81 86	79 82	76 83	73 80	77 82	1 3	1 1		76-7 83-0	79.9
	SEP	000	0 0 0 0 0 0	8 5 5 7	0 0 0 0 0 0 0 0	က် က ကို	76 79	- 82 - 28	1 1	1 1	1.1	79.7 82.3	81.0
	AUG	62	0 0 0 0 7 0 0 7 0	2 47 8 8 8 8	77 O 80 60	67 79	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 8 8 8	1 1	1 1	1 1	80.7 79.4	80.1
	JUL	62	00 07 1 00 00 1 00 00	8 8 0 0	8 8 8 8 8 8	8 8 8 8 8 8 8 8	80 76	80	 1 . 1	1 1 J	F F	82.1 79.6	
	JUN	22	76.	78 81	73 73	62	81 74	78 76	1 1	ł I	E E	78.3 75.4	76.9
	MAY	02	25 3 2 2 6 7	6 6 0 8 0	69 68 68	50 000	67 66	69 99	1 1	1 1	1 1	67.3 65.1	66.2
	APR	02	0 4 0 0 4 0	6 O オ オ	64 64 64	3 2 2 2 2	р 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	264 564	I 1		1 1	58.6 53.1	55.9
	MAR	22	0 0 0 0 0 0	ភ្នុក សំលំ	6, 7 6, 0	5-4 0 0	დ თ ს 4	4 4 4 7	i 1	1 1	1 1	57.1 52.9	55.0
	FEB	20	77	44	80 80 90	82 66	40 20	78 27 39	1 1	1 1	ŧ 3	77-9 65-1	71.5
141.400¢.4	JAN	80 (12 12 12 12 12 12 12 12 12 12 12 12 12 1	58 85 85 85 85 85 85 85 85 85 85 85 85 8	8 6 8 6	6 C 6 C	8 8 0 0	88 69 89 69	1 F	¥ I	1 E	85.3 79.4	82.4
r :uotaeao	YEAR	1721	1972	1973	1974	1975	1976	1721	1978	1979	1980	L vena de	

Note: Upper column = 8:40; Lower Column = 17:40

XTIGIMUH

TABLE 28

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EVAPORATION

TABLE 29 Index No. 1114 Station: Hardinath

												Unit:	mu/day
YEAR	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	CC OC	NON	DEC	Mean
1971	1.9	2.9	4.6	* *	8°1	5.0	5.2	4.6	4.0	3-3	2.7	2.1	3.8
1972	1.9	2.9	4-9	6.7	8.0	5. ^{لل}	자. 다	5+1	4_0	ۍ. ۳۰	2.6	1.9	្ត
1973	1-4	2.1	० • त	6.5	5.6	5. 4	5.0	3-9 3	CV = 7	2.8	2.7	2.0	3-7
1974	1-9	2.9	\$**	5.2	6.7	6-0	र ः भ	3•9	3-6	ង- ព	2.6	1.8	6. 8
1975	1.6	ಸ್. ೧	۳. ۲	6.8	7.5	9. 9	L • 1	7" 17	3.8	а.1 .1	2.7	1 .8	० • म
1976	1-7	2-7	5.3	8.J	6.6	5.9	4 - 6	1	3.0 0	3 . 2	2.6	2.1	I
1977	2-0	2.9	5.0	6.3	6.2	7.2	5.4	గి. భ	د. ۲.	3.2	5.2	2.0	ัต ส
1978	2.0	2.7	4-6	6-6	6.4	5 . 3	4.9	4. 9			2.6	2.2	2.2
1979	2.0	2.8	5.0	7.6	7-4	6.0	t.1	6° ≉	6-8 8	2.9	2.6	2.0	°.म
1980	7"7 8	8° 2	ب 1	7-9	6.3	ະ ເ	5°.3	۲. ۲		ຕ- ຕ	2.7	о - С	1 . 1
Average	0. • F	2-4	7.4	6.7	6.6	5.7	4-7	4-5	0 7	3.2	2.6	2.1	다. 각

EVAPORATION

TABLE 30

1320	Tarahara
Index No.	Station:

												Unit:	m/day
YEAR	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	oct	NON	DEC	Mean
1971	2.2	2.9	4.2	ರಿ•ೆ ಸ	5.2	5.7	5.3	t. 8	4.1	3-9	3°2 3°2	2.8	1.4
1972	2-5	з - 3	4 . 9	6.0	7.7	ະະ ທ	7-7	3.6	9 - 6	3.2	2.5	1-9	L•‡
1973	1.8	2.8	7-7	7.0	5.8	0 . 4	4 °0	3.2	2.8	2.8	н. В.1	2-1	3.7
1974	2.1	3•0 8	ນ. ເບ	ი 7	5.2	5 t	9 . 9	3-1	3-3	3.2	2-9	2.0	ŝ
1975	2.0	2.9	5.2	6.1	5.9	۳.3 ۲.3	3-2	3.9	3.6	е.	о-с	5.0	3°8
1976	2.1	ተ ሰ	5.1	6.7	5.6	3-3	3-7	4•Ω	3.7	3.7	2.7	2.0	ю. Э.8
7721	1.9	2.7	4. 1	5.5	5. J	5.6	6 - 4	4 . 3	ω. υ.υ	2.6	2-4	2.1	3.7
1978	1.7	2.6	ค. ส	6.0	5.6	5-3	t.5	4°8	3 7	3•3	2°.5	6-1	6 - С
1979	2.1	2.8	t • 1	2•3	5.8	9.8 0	4-2	ス - オ		ю•0	2.6	۰. د	6-0 0
1980	2.0	0°0	9• †	6.6	6-9	5.4	オ・ ナ	2.0	ω- ભ	3.8		\$.1	5.7
Average	2.0	2.9	4.6 4	5.9	5-9	6-4	. E• t	4.1	3.6	3.4	2.8	2.1	3.9
							-						

WIND VELOCITY

TABLE 31

Index No. 1114

Station:												Unit:	km/hour	
YEAR	JAN	FEB	MAR	APR	MAY	NDC	JUL	AUG	SEP	Бо	NON	DEC	Mean	1
1971	ı	र स	5.3	10.5	8.6	11.5	11-9	10.7	7.1	4.2	3 . 1	2-9	1	
1972	3.4	5 . t	5.8	8.5	12.7	11.6	9-6	10.0	6.3	3-7	3.2	3.2	0-7-	
1973	た	7 -	5.6	10_4	12.1	9.3	10.9	8-4	7.7	45 4	2.5	2.6	6.9	
1974	3.2	차 - 차	5-9	0°8	11-0	4.6	8.7	6_8	6. 8	8°5	2.7	3.2	6.2	
1975	3.6	5.4	5.9	8.7	12.3	11.2	9.2	7.9	7.3	3.2	0.1	0.7	6-3	
1976	0.6	2•8	5.7	10.9	10.6	8.6	4.7	7.8	6.8	ಸ•ಭ ೧	2.4	2.2	5.8	
1977	2.8	0 - 0	8.4	8.6	8 . 5	13.6	11.2	7.1	5.6	0.4	3.2	3-0	6.3	
1978	н. В. 1	3.9	t . 8	8.0	11.2	9.1	9.9	8.5	6.7	3.2	3.6	2. 7	6.2	
1979	3.0	4-2 7	5.4 2	8.2	8.6	0.0	-1 00	6.2	5.9	1.2	2°8	2-5	5.7	
1980	3.2	3.8	5.6	7.8	12.9	11.7	12.2	10.3	6.5	ч- М	2.1	2.0	6.8	

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10-9

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Average

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WIND VELOCITY

TABLE 32

Unit: km/hour 0.1 6.6 6<u>.</u>5 6.1 7.0 6.9 6.9 7.6 ი ი ភ ភ 0**-**0 Mean DBC တ် က 0.1 ທີ່ ສ 9 11 9•*†* ₹ 1 а-8 З-8 3-6 4.5 φ -3.7 °. ≉ ې +-ਨ<mark>ਾ</mark> ਜ ಸ• ಸ 2-2 3•8 6**-**8 2. # 3.6 ب 1 NON 3.6 ∞• 7 ວ ທ 6 6 ন :† 0 7 **↓**•↓ **π**•κ б т Б 5 <u>ب</u>لا യ പ 7-8 ۍ ي SEP 2. 5 0 6.2 ਾ ਜ 8 9 8° • 1 ਸ**ਾ** ਜ 5.4 ≉. ∞ α. 8 6.6 9-0 8-0 8 0 8 7.6 AUG ₹<u>,</u>6 6.7 າ ເ 7.8 6. ¹ 6-6 9**.**8 7.6 **8.** 8. \$ \$ 9-6 6.6 6.2 6 7.8 Ър 10-1 8 و•8 NDC 11.8 7.W 6.8 0 <u>б</u> 9-6 7-8 4-12 0. 8 10-8 2.7 МАУ 0 8 0. 8 15.0 11_4 10.2 11-6 9-6 8**.**6 7 9 7. 6 7.7 APR 10. u 10.9 12.3 ъ С 9**-**8 10.4 10.2 6.7 6.7 * ∠ 9.6 MAR <u>۲</u>.۲ 8.2 8 8.0 7-7 π. 9 6**.**3 5.8 8 7.0 4. Z °.' 7.7 ດ ເ ເ 500 100 2.7 °,0 6.2 ິຫ ທີ 6<u>,</u>0 6.7 ຕ ເ 0°0 9. 7 0. # 8 ग ۍ با JAN 2-5 2 0 ა 0 ა э**.**6 \$° \$ ហ្ម ក ণ ন က္ ဆ 5.1 Index No. 1320 Station: Tarahara Average YEAR 1972 1973 1975 1974 1979 1980 1971 976 1978 1977

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SUNSEINE BOURS

TABLE 33

Index No Station:

No.	1114		
ដ	Hardinath		

												VII	VED /S'TUON
YEAR	JAN	FEB	MAR	APR	MAY	Nor	JUL	AUG	SEP	ocu	NON	DEC	Mean
1261	6.7	8.6	8.7	6.3	9.1	3.7	6.6	6.3	6-7	8.0	9-5	9-2	7.9
1972	8.1	8-5	6 •8	6.7	2.6	5-9	5.1	е 6	6.5	7.6	ы. Б.	8°8	8.1
1973	7.1	9.1	9.1	7 - 7	7.6	3- 9	7.7	7.0	6.3	7.8	9-7	8.7	7-9
1974	8 . 8	9-6	8.8	9.8	10.2	6 - 3	4.6	5 . 1	6.5	8 9	10-1	ľ	
1975	7-7	7°8	8.6	9 • 5	6-6	6.7	4-9	6	6.8	8-7	6-7	8.7	8 . 1
1976	8 .9	8.7	9. 4	9.1	10.2	4.7	7-7	6 • 5	6-9	6 . 3	9.1	8.5	8.2
1977	9-5	9-1	2-6	9.6	10.2	7.4	7.0	7.8	7.9	ດ. ອີ	8.3	8.1	8.6
1978		8.0	6 . 3	10.4	8 - 9	5.2	6.7	8 •0	5.6	8.4		0-6	8-0
1979	7.8	8.4	6 . 3	9 . 8	11.2	7.8	5.5	6.2	7.0	8 -6	7.9	7.6	8.1
1980	8.5 9	8.9	8.6	10.1	9•3	7-5	6.8	7.1	6.9	ı	1	I.	•
Average	8.1	8.7	0.6	9.4	9.6	5-9	6.3	7.2	6.7	4.8	6.1	7.6	8.1

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SUNSHINE HOUR

TABLE 34

												UDIT: DO	hours/day
YEAR	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	5 O	NON	DEC	Mean
1971	E	I	I	ł	•	1		•	1	l	l	₹.	
1972	ł	1	I	9.1	6-9	7.1	- t -9	8.1	6.3	7.5	9.7	8.2	I
1973	6 . 5	7.8	8.2	7.5	7.1	₽ . 5	6. 4	7.2	5.7	7.4	9.1	8.4	7.2
1974	8.9	4.6	8.3	8.7	ı	ŧ	I	5.7	5.7	7.9	. 1	9.8	I
1975	7.8	8,2	8.7	8.7	9.4	7.1	ທີ ສ	6_4	5-3	8.1	9-7	8.7	7-7
1976	8.5	8.7	8.9	7.8	9-6	6.0	6.5	5.6	7.0	9-3	8.9	8.5	7-9
1977	8.2	9.2	9.4	8.6	10.0	6.8	5.1 .1	5.6	7.1	7.5	8.0		7.8
1978	ი თ	8.5	0.0	9 .8	°.	6.4	6.7	8°.5	5.8	8.2	8.0	8.9	8.0
1979	8.0	8,4	9.5	9-3	10.8	8.2	\$ ⁻	5.6	6-9	7.3	0°8	7.6	1
1980	8.2	8.1	8 . 8	6-6	8-0	7-6	5.7	•	I	I	t	7.8	Ĩ
Average	80.8	17 2 8	ແ ແ	8 82	0	r F V	u u	o u u	, co A	0	83 6	a	

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2			~	ŝ	2	`` ت	9			1		5
یہ دیتر ہے۔ مربع الم	Mean		7-7	6.8	7.7	7.5	7.6	7-4				7.5
د ۶ ۲		1	8.4	7.7	8.2	0 U	8 . 3	й . 8	8.8	# * L	7-9	8.2
	NON	١	8.7	9.6	9 - 5	9.3	8.1	7.9	6-9	7.1	6 9	8.5
	S	ľ	7.1	6.9	7-9	7.8	8 . 6	7.2	0-8 8	7.9	** ∞	7.6
	SEP	•	6.2	6-1	5-3	с т т	6.7	6.7	5.6	6.8	6°.5	5.8
	AUG	യ പ	7.8	6.1	6-4	6.7	ນ. ເ	5.6	1	2.9	7.4	5-9
E HOUR	JUL	6.1	5.2	5-0	ц. 9	7. 7	6.1	6.1	1	I	5-7	5-4
SUNSHINE	NUL	5 . 3	6.6	4.0	7-4	7.1	5.9	7.0	7.0		1-1	ب 1
	MAY	8.5	5.7	7.8	8.9	8.9	8°8	8.4	7.5	6 •6	0.6	8.8
	APR	6-3	8.6	8.3	п .е	8.8	8•3	7.8	0-6	9.1	10.1	8.6
	MAR	د . ۳	8.3	7.6	8 . 1	7.9	9.1	۰. ۳.	6- 8	9.2	8.7	۲°8
	FEB	₹. 8	8.0	7.5	9.2	°.1	7.6	8.J.	7-7	I	8.2	8.1
35 1320 Tarahara	JAN	78	7.2	5.6	6 . 3	8.0	⁺ * 0	7.2	7-9	°.5	ł	7.7
TABLE Index No. 13 Station: Ta	YEAR	1771	1972	1973	1974	1975	1976	1977	1978	1979	1980	Average

POPULATION PROJECT OF NEPAL BY DEVELOPMENT REGION

TABLE 36

Development	Ecological	1981		1986		1991		1996		2001		2006	
Region	Zone	Population	Ratio (%)	Populatio	Р.С.R. (\$)	Population	P.C.R. (%)	Population	P.C.R. (%)	Population	P.C.R. (%)	Population	P.C.R. (%)
Eastern	Mountain	398,405	10-11	430,231	ιή (573,	1-94	534,26	2.43	518,98	2-99		
		1,453,113	40-27	1,588,519	ວເ ເ	Ē	2 20	019,45 22,22	2.66	358.98	9 (1 1 1 1		
	Total	3,608,483	100-00	4, 188, 553	- 20 - 05 - 05	4,882,624	ວ.⊷ ກ.ຕ	5,726,993	3-24	5,768,889 6,768,889	20 24 24 24 24 24 24 24 24 24 24 24 24 24	4,503,375 8,044,529	· .
Central	Mountain	435,861	9.22	124,854	- 8		5	599,268			2.72	792,845	
	HII	2,176,705	46.06	2,429,279	2.2	, 739 ,	-7	, 125,	•	,606,	2.91	, 193	
	Terai	2,113,632	44.72	2,465,102	9.45 24.55 24.55	808	80 20 20 20 20 20 20 20 20 20 20 20 20 20	3,330,065	က် ကို ကို	3,854,864	2-97	4,450,220	
	TOPOT	4,120,390	00-00-	2,516,026	N.	, YC i ,	· · ·	, 400 ,	•	1 10	26.2		66.2
Western	Mountain	77 , 398	77	37,411	•	31,31	-3-49	2	-2-90	25,	-1-24		
	HALL HALL	2,310,282	74-83	2,540,837		814,78	2.07	α 3 6 3 6	2,26		2.48	×.	2.62
	Total	3,087,216	100-001	3,511,389	2 4 2 5 2 6 7 6 7 6 7 6 7 6 7 6 7 6 7 7 7 7 7 7 7	3,994,253	5.61	1,300,223 4,563,258	2.70	1,000,405 5,244,157	20-07 20-07 20-07	1,967,728 6,045,070	а Та а
Middle	Mountain	281,782	13-97	301,959				376,188			ິ ຕ	534,084	
Western	HIL	1,218,060	60.37	1,336,334			Ņ		N	¢,	ហ្ ពាំ	502,	
	Terai Total	517,761 2,017,603	25-66 100.00	670,710 2,309,003	ب. ۳.۹ ۳.۹	841,067 2,670,378	2-95 2-95	1,034,911 3,143,361	4-23 3-31	1,257,680 3,763,272	3.66	1,513,441	ы. 172 172
								1 1					
rar vestern	HILL	503,070 662 275	20-02 20-02	710 111	69	300, 140- 702 203	52. 1	597, 790 801 587	500	1 025 604	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5λα 5λο 5λο	N O
	Terai	246,683	20.32	365.550	- 0 - 0 - 0	#90°975	- O	· …	10 10	265		- 6 - 9 - 9	
	Total	1,213,134	100.00	1,414,270	3.11	1,643,324	Ϋ́,	ີດ	3-09	2,235,562	3-16		
All Nepal		14,652,834		16,796,567	2.76	19,330,568	2.85	22,401,390	2.99	26,158,547	3.15	30,695,954	m

POPULATION DISTRIBUTION BY SEX AND DEVELOPMENT REGION, 1981

34

TABLE

7,327,503 1,806,966 2,370,742 961,106 644,372 1,544,317 Femlale Populat. 2,538,615 1,584,542 994,505 675,717 7,695,336 1,901,957 Male Populat. 3,708,923 3, 128, 859 1,955,611 1,320,089 15,022,839 4,909,357 Total Populat. Middle Western Development Region Far Western Development Region Development Regions Eastern Development Region Central Development Region Western Development Region Total

Source: Population Census 1981, Central Bureau of Statistics

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TABLE 38

POPULATION DISTRIBUTION BY DIFFERENT ZONE IN NEPAL, 1981

	roputat.	ropu⊥ac.	roputat.
Mechi Zone	932,625	481,359	451,266
Koshi Zone	1,423,624	731,610	692,014
Sagarmatha Zone	1,352,674	688,988	663,686
Janakpur Zone	1,688,115	864,100	824,015
Bagmati Zone	1,782,439	391,076	851,363
Narayani Zone	1,438,803	743,439	695,364
Gandaki Zone	1,107,569	545,728	561,841
Dhaulagiri Zone	453,462	228,621	224,841
Lumbini Zone	1,567,828	810,193	757,635
Rapti Zone	876,723	438,810	437,913
Bheri Zone	836,402	429,859	406,543
Karnali Zone	242,486	125,836	116,650
Seti Zone	794,911	401,020	393,891
Mahakali Zone	525,178	274,697	250,481

Source: Population Census 1981, Central Bureau of Statistics

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TABLE 39

POPULATION DISTRIBUTION BY SEX AND AGRO-CLIMATIC ZONE IN NEPAL, 1981

		:	
Development Regions	Total Populat.	Male Populat.	Femlale Populat.
Eastern Mountain	338,439	170,848	167,591
Central Mountain	413,143	213,292	199,851
Western Mountain	19,951	10,378	9,573
Middle Western Mountain	242,486	125,836	116,650
Far Western Mountain	288,877	146,078	142,799
Total	1,302,896	666,432	636,464
Eastern Hill	1,257,042	633,054	623,988
Central Kill	2,108,433	1,089,381	1,019,052
Western Hill	2,150,939	1,074,819	1,076,120
Middle Western Hill	1,042,365	521,695	520,670
Far Western Hill	604,336	300,490	303,846
Total	7,163,115	3,619,439	3,543,676
Eastern Terai	2,113,442	1,098,055	1,015,387
Central Terai	2,387,781	1,235,942	1,151,839
Western Terai	957,969	499,345	458,624
Middle Western Terai	670,760	346,974	323,786
Far Western Terai	426,876	229,149	197,727
Total	6,556,828	3,409,465	3,147,363
Nepal	15,022,839	7,695,336	7,327,503

Source: Population Census 1981, Central Bureau of Statistics

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SUMMARY OF THE POPULATION DISTRIBUTION IN THE PROJECT DISTRICTS, 1981

TABLE 40

	Total Population	Male Population	Female Population	No. of H. H.	Family Size	Geographical Area	Population Density
Sarlahî	398,766	205,991	192,775	71,667	5.56	1,052	379.1
Mahottari	361,054	187,092	173,962	64,262	5-61	1,052	343.2
Dhanusha	432,569	224,900	207,669	79,785	5.42	1,219	354.9
Siraha	375,358	194,958	180,400	68,644	5.47	1,013	370.5
Saptari	379,055	194,376	184,679	68,646	5-52	161,1	253.7
Sunsarí	344,594	178,355	166,239	58,187	5.92	1,265	272.4
Morang	534,692	278,355	256,337	91,045	5.87	1,914	279.4
Jhapa	479,743	252,011	227,732	81,113	5.91	1,532	313.1
Total	3,305,831	1,716,038	1,589,793	583,349	5.66	10,541	313.6
Nepal	15,022,839	7,695,336	7,327,503	2,585,154	5.81		

Source: Population Census 1981, Central Bureau of Statistics

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GAINFUL POPULATION ENGAGED TO THE FARMING AND FISHERY BY SEX AND AGE GROUP OF 10 YEARS AND OVER IN THE PROJECT DISTRICTS, 1981

- 7	
TABLE	

Subjected Area	Total Population of 10 Years and Over	Male	Farm/Fish Workers Female	orkers Total	Ratío %
Sarlahi	140,651	106,345	14,550	120,895	85.95
Mahottari	143,597	99,536	29,459	128,995	89-83
Dhanusha	154,385	105,178	18,226	123,404	79-93
Siraha	149,302	100,037	31,209	131,246	87.91
Saptari	143,375	82,722	28,240	110,962	77-39
Sunsari	122,759	69,000	18,583	87,583	71.35
Morang	219,563	121,274	58,925	180,199	82.07
Jhapa	193,555	104,825	47,571	152,396	78.73
Total	1,267,187	788,917	246.763	1.035.680	81.73

Source: Population Census 1981, Central Bureau of Statistics

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POPULATION BY AGE GROUP IN THE PROVECT DISTRICT, 1981

TABLE 42

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Sarial manocorr unantera Sarial approx Sarial manocorr Manuera Sarial approx Monocorr Manuera Sarial approx Monocorr Monocorr <th></th> <th>ACE</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>c</th> <th></th> <th></th> <th></th> <th>ſ</th>		ACE						c				ſ
0-9 126,285 114,798 130,135 113,932 117,170 106,352 165,794 147,650 1,022,081 3 15-19 27,987 24,240 33,315 43,555 35,957 37,648 41,989 67,672 264,908 367,077 1 15-19 27,967 24,240 32,108 26,499 28,880 31,226 48,266 45,702 264,908 367,077 1 20-59 179,956 165,899 204,365 178,235 19,195 17,507 23,130 20,565 167,958 20-59 179,956 361,054 432,569 375,358 379,055 344,594 534,692 167,958 50 and over 22,419 22,302 201,317 14,252 230,352 167,958 167,958 50 and over 24,123 19,402 24,059 377,20 24,429 140,439 176,433 3305,531 10 50-14 24,123 19,402 24,103 14,22	LTEM	GROUP	TUBTIES	Manottori	unanusna	41 rana	Saptari	Cunsart	norang	edeur	TOTAL	Mario N
0-9 126,285 114,793 130,135 113,932 177,170 106,322 165,794 147,650 1,022,061 3 15-19 27,987 24,240 33,915 43,856 35,957 37,648 41,969 64,508 367,077 1 15-19 27,987 24,240 33,015 43,856 35,957 37,548 41,9266 45,702 264,908 367,077 1 15-19 27,956 165,899 204,365 178,235 19,560 37,595 379,055 344,594 57,130 264,903 167,958 60 and over 22,419 22,302 22,105 204,355 379,055 344,594 53,563 379,165 167,958 167,958 167,958 167,958 167,958 167,956 167,958 167,958 167,958 167,958 176,1692 167,958 167,958 167,958 167,958 167,958 167,958 167,958 176,1692 171,167 164 175,165 114,04,459 176,454 176,1692												
10-14 $42,119$ $33,315$ $43,856$ $35,957$ $37,648$ $41,989$ $67,185$ $64,508$ $367,077$ 15 15-19 $27,987$ $24,240$ $32,108$ $26,499$ $28,880$ $31,226$ $49,266$ $45,702$ $264,908$ 20-59 $179,956$ $165,899$ $204,365$ $176,162$ $147,520$ $230,352$ $201,318$ $1,482,807$ 1 $20-59$ $179,956$ $361,054$ $432,569$ $375,358$ $379,055$ $344,594$ $534,592$ $207,325$ $177,507$ $23,130$ $20,565$ $167,958$ $70-9$ $64,600$ $60,157$ $67,059$ $59,2286$ $59,473$ $53,555$ $479,743$ $3,305,831$ 17 $70-9$ $64,600$ $60,157$ $67,059$ $59,2286$ $59,473$ $52,777$ $23,192$ $201,928$ $201,932$ $70-9$ $64,600$ $60,157$ $67,059$ $59,228$ $59,473$ $53,555$ $74,303$ $221,912$ $21,912$ $70-14$ $24,11$ $14,281$ $14,281$ $14,281$ $14,281$ $14,282$ $16,766$ $83,552$ $74,202$ $205,831$ $70-99$ $60,169$ $20,183$ $20,765$ $59,277$ $20,262$ $20,193$ $31,202$ $20,772$ $20,782$ $70-70$ 201 $12,271$ $11,482$ $14,281$ $14,281$ $14,281$ $14,281$ $14,281$ $70-99$ $11,127$ $9,193$ $12,277$ $21,292$ $22,777$ $22,201$ $11,776,020$ $20,169$ $20-99$ <td></td> <td>6 -0</td> <td>126,285</td> <td>114,798</td> <td>130,135</td> <td>113,932</td> <td>1:7,170</td> <td>106,352</td> <td>165,794</td> <td>147,650</td> <td>1,022,081</td> <td>30.92</td>		6 -0	126,285	114,798	130,135	113,932	1:7,170	106,352	165,794	147,650	1,022,081	30.92
15-19 $27,987$ $24,240$ $32,108$ $26,499$ $28,880$ $31,226$ $46,266$ $45,702$ $264,908$ $20-59$ 179,956 165,899 $204,365$ 178,255 17,1507 $230,352$ $207,318$ $1,483,807$ 1 70 $230,366$ $361,054$ $432,569$ $375,358$ $379,055$ $344,594$ $534,692$ $207,382$ $167,958$ $167,958$ $167,958$ $167,958$ $167,958$ $167,958$ $167,958$ $167,958$ $167,958$ $167,952$ $167,958$ $167,958$ $167,958$ $167,958$ $167,958$ $167,952$ $21,912$ $3,305,831$ $17,16,031$ $170,922$ $24,990$ $20,161$ $16,266$ $47,5202$ $234,522$ $174,923$ $232,526$ $47,202$ $240,926$ $167,968$ $34,502$ $221,912$ $3107,8307$ $102,205,831$ $1176,712$ $110,832$ $112,655$ $111,187$ $412,4239$ $112,422$ $140,432$ $112,422$ $219,232$ $202,593$ $112,422$ $202,913$ $112,655$ $112,422$ $202,913$ $112,422$ $110,423$		10-14	42,119	33,815	43,856	35,957	37,648	41,989	67,185	64,508	367,077	11_10
20-59179,956165,899 $204,365$ 176,355176,162147,520 $230,352$ $201,318$ 1,483,8071 60 and over $22,105$ $351,054$ $432,569$ $375,358$ $379,055$ $344,594$ $534,692$ $479,743$ $3,305,831$ 10 $70-9$ $64,600$ $60,157$ $67,058$ $375,358$ $379,055$ $344,594$ $53,130$ $20,765$ $167,958$ $10-14$ $24,123$ $19,402$ $2u,990$ $20,181$ $20,765$ $59,473$ $3,205,831$ 10 $10-14$ $24,123$ $19,402$ $2u,900$ $20,181$ $20,765$ $53,550$ $83,532$ $74,203$ $521,912$ 3 $10-14$ $24,123$ $19,402$ $2u,900$ $20,181$ $20,765$ $53,552$ $74,203$ $521,912$ 3 $15-19$ $15,099$ $12,827$ $17,115$ $14,282$ $16,363$ $25,237$ $24,429$ $100,429$ $20-59$ $90,813$ $33,577$ $104,677$ $90,700$ $89,311$ $76,464$ $120,328$ $110,429$ $20-59$ $90,813$ $33,577$ $104,677$ $90,700$ $89,311$ $76,464$ $120,328$ $107,890$ $76,327$ $110,429$ $20-59$ $90,813$ $33,577$ $104,677$ $90,700$ $89,311$ $76,464$ $120,328$ $107,890$ $76,377$ $100,429$ $20-59$ $90,813$ $33,576$ $1104,677$ $90,700$ $89,311$ $76,464$ $120,378$ $107,890$ $104,427$ $20-14$ $117,9$	Total	15-19	27,987	24,240	32,108	26,499	28,880	31,226	48,266	45,702	264,908	8.01
60 and over 22,419 22,302 22,305 22,305 27,556 15,567 23,130 20,555 167,958 17,567 23,130 20,555 167,958 17 0-9 64,600 60,157 67,059 375,358 379,055 344,594 534,692 479,743 3,305,831 17 0-9 64,600 60,157 67,059 59,228 59,473 53,550 83,532 74,303 521,912 2 10-14 24,123 19,402 24,990 20,181 20,753 53,550 83,532 740,439 3,355,831 17 10-14 24,123 19,405 14,241 14,828 14,828 16,363 24,202 202,728 740,439 25-19 15,099 12,827 17,115 14,282 76,464 120,323 140,439 760,439 760,439 760,439 760,439 760,439 760,439 760,439 760,439 760,439 760,439 760,439 760,439 760,439 760,439	Population		179.956	165,899	204,365	178,235	176,162	147,520	230,352	201,318	1,483,807	23.44
Total 398,766 361,054 432,569 375,358 379,055 344,594 534,692 479,743 3,305,831 1 0-9 64,600 60,157 67,059 59,228 59,473 53,550 83,532 74,303 521,912 202,728 10-14 24,123 19,402 24,900 20,181 20,765 22,777 36,288 34,202 202,728 74,333 3,305,831 140,439 15-19 15,099 12,027 17,115 14,241 14,828 16,363 25,537 24,429 140,439 763,777 20-59 90,813 83,579 104,677 90,700 89,311 76,464 120,383 1 17,16,038 1 20-59 90,813 83,579 104,677 90,700 89,311 76,464 120,383 1776 176,464 120,383 1 1716,038 1 1716,038 1 1716,038 1 1716,038 1 1716,038 1 1716,038 1 1716,038 1 1716,038 1 1716,038 1 1716,038 1	-	60 and over	22,419	22,302	22,105	20,735	19, 195	17,507	23,130	20,565	167,958	5.08
0-9 $64,600$ $60,157$ $67,059$ $59,228$ $59,473$ $53,532$ $74,303$ $521,912$ $10-14$ $24,123$ $19,402$ $24,990$ $20,181$ $20,765$ $22,777$ $36,288$ $34,202$ $202,728$ $15-19$ $15,099$ $12,827$ $17,115$ $14,241$ $14,828$ $16,363$ $25,537$ $24,429$ $140,439$ $20-59$ $90,813$ $83,579$ $104,677$ $90,700$ $89,311$ $76,464$ $120,343$ $107,890$ $763,777$ $20-59$ $90,813$ $83,579$ $104,677$ $90,700$ $89,311$ $76,464$ $120,343$ $107,890$ $763,777$ $20-59$ $90,813$ $83,579$ $104,677$ $90,700$ $89,311$ $76,464$ $120,343$ $17,890$ $763,777$ $20-59$ $90,813$ $83,579$ $104,677$ $90,700$ $89,311$ $76,464$ $120,343$ $17,16,038$ $11,716$ $20-65$ $90,813$ $83,579$ $104,677$ $90,700$ $89,4376$ $178,355$ $278,357$ $24,429$ $140,432$ $20-9$ $90,817$ $17,928$ $194,376$ $178,355$ $278,357$ $273,775$ $724,903$ $10-14$ $17,996$ $14,413$ $18,866$ $15,776$ $15,772$ $72,272$ $72,272$ $72,212$ $124,469$ $10-14$ $17,998$ $11,413$ $14,993$ $12,258$ $14,052$ $14,863$ $27,729$ $21,273$ $124,469$ $10-14$ $17,996$ $87,535$ $86,851$ $71,056$ $11,1069$ <		Total	398,766	361,054	432,569	375,358	379,055	344,594	534,692	479,743	3,305,831	100
10-14 $24,123$ $19,402$ $24,990$ $20,181$ $20,765$ $22,777$ $36,288$ $34,202$ $202,728$ $15-19$ $15,099$ $12,827$ $17,115$ $14,241$ $14,828$ $16,363$ $25,537$ $24,429$ $140,439$ $20-59$ $90,313$ $83,579$ $104,677$ $90,700$ $89,311$ $76,464$ $120,343$ $107,890$ $763,777$ $20-59$ $90,313$ $83,579$ $104,677$ $90,700$ $89,311$ $76,464$ $120,343$ $107,890$ $763,777$ $20-59$ $90,313$ $83,579$ $10,467$ $90,700$ $89,311$ $76,464$ $120,343$ $17,890$ $763,777$ 60 and over $11,356$ $11,127$ $11,059$ $10,608$ $9,999$ $9,191$ $12,655$ $11,187$ $87,182$ $7otal$ $205,991$ $187,092$ $224,900$ $194,976$ $194,376$ $178,355$ $278,355$ $252,011$ $1,716,038$ 1 $7otal$ $205,991$ $187,092$ $224,792$ $194,376$ $178,355$ $278,355$ $252,011$ $1,716,038$ 1 $10-14$ $17,996$ $14,413$ $18,866$ $15,776$ $16,833$ $19,212$ $30,807$ $30,306$ $164,349$ $15-19$ $12,888$ $11,413$ $14,993$ $12,258$ $14,052$ $14,863$ $22,729$ $21,273$ $124,469$ $15-19$ $12,886$ $11,413$ $14,993$ $12,258$ $14,052$ $14,863$ $22,729$ $21,273$ $124,469$ $20-59$ $89,143$		6 -0	64,600	60,157	67,059	59,228	59,473	53,560	83,532	74,303	521,912	30.41
15-19 $15,099$ $12,327$ $17,115$ $14,241$ $14,828$ $16,363$ $25,537$ $24,229$ $140,439$ $20-59$ $90,813$ $83,579$ $104,677$ $90,700$ $89,311$ $76,464$ $120,343$ $107,890$ $763,777$ 60 and over $11,356$ $11,127$ $11,059$ $10,608$ $9,999$ $9,191$ $12,655$ $11,187$ $87,182$ $70,1356$ $11,127$ $11,059$ $10,608$ $9,999$ $9,191$ $12,655$ $11,187$ $87,182$ $70,1356$ $11,127$ $11,059$ $10,608$ $9,999$ $9,191$ $12,655$ $11,187$ $87,182$ $70,135$ $205,991$ $187,092$ $224,900$ $194,376$ $178,355$ $278,355$ $252,011$ $1,716,038$ $11,716,038$ $70,-96$ $54,641$ $63,076$ $54,704$ $57,697$ $52,772$ $82,227$ $73,347$ $500,169$ $10,-14$ $17,996$ $14,413$ $18,866$ $15,776$ $16,883$ $19,212$ $30,306$ $164,349$ $15-19$ $12,888$ $11,413$ $14,993$ $12,258$ $14,052$ $14,863$ $22,729$ $21,273$ $124,469$ $15-19$ $12,888$ $11,413$ $14,993$ $12,258$ $14,052$ $14,863$ $22,729$ $21,273$ $124,469$ $15-19$ $12,888$ $11,413$ $14,993$ $12,258$ $14,056$ $119,009$ $93,428$ $720,030$ $20-59$ $89,1428$ $11,175$ $11,046$ $10,127$ $9,196$ $8,316$ $9,378$		10-14	24,123	19,402	24,990	20,181	20,765	22,777	36,288	34,202	202,728	11.81
20-5990,81383,579104,67790,70089,31176,464120,343107,890763,77760 and over11,35611,12711,05910,6089,9999,19112,65511,18787,182Total205,991187,092224,900194,958194,376178,355278,355252,0111,716,0381Total205,991187,092224,900194,958194,376178,355278,355252,0111,716,03810-961,68554,64163,07654,70457,69752,79282,22773,347500,16910-1417,99614,41318,86615,77616,88319,21230,80730,306164,34915-1912,88811,41314,99312,25814,05214,86322,72921,273124,46920-5989,14382,32099,68887,53586,85171,056110,00993,428720,03060 and over11,06311,17511,04610,1279,1968,31610,4759,37880,776	Male	15-19	15,099	12,827	17, 115	14,241	14,828	16,363	25,537	24°73	140,439	8.18
60 and over11,35611,12711,05910,6089,9999,19112,65511,187 $87,182$ "cotal205,991 $187,092$ $224,900$ $194,376$ $178,355$ $252,011$ $1,716,038$ 1 "cotal205,991 $187,092$ $224,900$ $194,958$ $194,376$ $178,355$ $252,011$ $1,716,038$ 1 "cotal $205,991$ $187,092$ $224,900$ $194,958$ $194,376$ $178,355$ $252,011$ $1,716,038$ 1 "cotal $20,996$ $14,413$ $18,866$ $54,704$ $57,697$ $52,792$ $82,227$ $73,347$ $500,169$ "cotal $17,996$ $14,413$ $18,866$ $15,776$ $16,883$ $19,212$ $30,807$ $30,306$ $164,349$ "cotal $12,988$ $11,413$ $14,993$ $12,258$ $14,052$ $14,863$ $22,729$ $21,273$ $124,469$ "cotal $20-59$ $89,143$ $82,320$ $99,688$ $87,535$ $86,851$ $71,066$ $110,009$ $93,428$ $720,030$ "cotal $0ver$ $11,063$ $11,175$ $11,046$ $10,127$ $9,196$ $8,316$ $10,475$ $9,378$ $80,776$	Population		90,813	83,579	104,677	90,700	89,311	76,464	120,343	107,890	763,777	44.50
Total 205,991 187,092 224,900 194,958 194,376 178,355 278,355 252,011 1,716,038 1 0-9 61,685 54,641 63,076 54,704 57,697 52,792 82,227 73,347 500,169 10-14 17,996 14,413 18,866 15,776 16,883 19,212 30,807 30,306 164,349 15-19 12,888 11,413 14,993 12,258 14,052 14,863 22,729 21,273 124,469 20-59 89,143 82,320 99,688 87,535 86,851 71,056 110,009 93,428 720,030 60 and over 11,063 11,175 11,046 10,127 9,196 8,316 10,475 9,378 80,776		60 and over	11,356	11,127	11,059	10,608	666*6	9,191	12,655	11,187	87,182	5.08
09 61,685 54,641 63,076 54,704 57,697 52,792 82,227 73,347 500,169 10-14 17,996 14,413 18,866 15,776 16,883 19,212 30,807 30,306 164,349 15-19 12,888 11,413 14,993 12,258 14,052 14,863 22,729 21,273 124,469 20-59 89,143 82,320 99,688 87,535 86,851 71,056 110,009 93,428 720,030 60 and over 11,063 11,175 11,046 10,127 9,196 8,316 10,475 9,378 80,776		Total	205,991	187,092	224,900	194,958	194,376	178,355	278,355	252,011	1,716,038	100
10-14 17,996 14,413 18,866 15,776 16,883 19,212 30,807 30,306 164,349 15-19 12,888 11,413 14,993 12,258 14,052 14,863 22,729 21,273 124,469 20-59 89,143 82,320 99,688 87,535 86,851 71,056 110,009 93,428 720,030 60 and over 11,063 11,175 11,046 10,127 9,196 8,316 10,475 9,378 80,776		ი ლი	61,685	54,647	63,076	to1 * 704	57,697	52,792	82,227	73,347	500,169	31.46
15-19 12,888 11,413 14,993 12,258 14,052 14,863 22,729 21,273 124,469 20-59 89,143 82,320 99,688 87,535 86,851 71,056 110,009 93,428 720,030 4 60 and over 11,063 11,175 11,046 10,127 9,196 8,316 10,475 9,378 80,776		オレーロト	17,996	14,413	18,866	15,776	16,883	19,212	30,807	30,306	164.349	10.34
20-59 89,143 82,320 99,688 87,535 86,851 71,056 110,009 93,428 720,030 4 60 and over 11,063 11,175 11,046 10,127 9,196 8,316 10,475 9,378 80,776	Female	15-19	12,888	11,413	14,993	12,258	14,052	14,863	22,729	21.273	124,469-	7.83
11,063 11,175 11,046 10,127 9,196 8,316 10,475 9,378 80,776	Population		89,143	82,320	99,688	87,535	86,851	71,056	110,009	93,428	720,030	45.29
		60 and over	11,063	11,175	11,046	10,127	9,196	8,316	10,475	9,378	80,776	5.08
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										

Source; Population Census 1981, Central Bureau of Statistics

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POPULATION BY AGE GROUP IN THE PROJECT DISTRICT, 1981

TABLE 42

TEM	GROUP	Sarlahi	Sarlahi Mahottori Dhanusha	Dhanusha	Siraha	Saptari	Sunsari	Morang	Jhapa	Total	Ratio *
	6 -0	126.285	114.798	130.135	113.932	117.170	106.352	165-794	147.650	1.022.081	30.92
	10-14	42,119	33,815	43,856	35,957	37,648	41,989	67,185	64,508	367,077	11.10
Total	15-19	27,987	24,240	32,108	26,499	28,880	31,226	48,266	45,702	264,908	8.01
Population	20-59	179,956	165,899	204,365	178,235	176,162	147,520	230,352	201,318	1,483,807	88- 11
	60 and over	22,419	22,302	22,105	20,735	19,195	17,507	23,130	20,565	167,958	5.08
	Total	398,766	361,054	432,569	375,358	379,055	344,594	534,692	479,743	3,305,831	100
			:			· .			•		
	ნ I 0	64,600	60,157	67,059	59,228	59,473	53,560	83,532	74,303	521,912	30.41
	10-14	24,123	19,402	24,990	20,181	20,765	22,777	36,288	34,202	202,728	11.81
Male	15-19	15,099	12,827	17,115	14,241	14,828	16,363	25,537	24,429	140,439	8 . 1 8
Population	20-59	90,813	83,579	104,677	90,700	89,311	76,464	120,343	107,890	763,777	74 - 50
	60 and over	11,356	11,127	11,059	10,608	666*6	9,191	12,655	11,187	87,182	5.08
	Total	205,991	187,092	224,900	194,958	194,376	178,355	278,355	252,011	1,716,038	100
	6 -0	61,685	54,641	63,076	54,704	57,697	52,792	82,227	73,347	500,169	31.46
	10-14	17,996	14,413	18,866	15,776	16,883	19,212	30,807	30,306	164,349	10.34
Female	15-19	12,888	11,413	14,993	12,258	14,052	14,863	22,729	21,273	124,469	7.83
Population	20-59	89,143	82,320	99,688	87,535	86,851	71,056	110,009	93,428	720,030	45.29
	60 and over	11,063	11,175	11,046	10, 127	9,196	8,316	10,475	9,378	80,776	5-08
	Total	192,775	173,962	207,669	180,400	184 , 679	166,239	256,337	227,732	1,589,793	100

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PADDY PRODUCTION TREND BY DIFFERENT AGRO-ECOLOGICAL ZONE IN NEPAL, 1970-83

TABLE 9. 1 (1 of 2)

	Area	Prod.	Yield/ha kg	Area ha	Pord	Yield/ha kg	Area ha	Proc.	Yield/ha kg
	ы Ш				tral		We	15	
1970-71	328,500	605,367	1,845	345,200	631,215	1,829		288,815	÷
5-5			1,885	\sim	-	1,851		292,028	÷-
972			1,533	-	ŵ	. 1,616		261,525	-
519			1,837	10		1,902		276,822	÷
1974-75			1,853		~	_		302,760	-
1975-76			1,987	40	5	1,937		319,410	
1976-77			1.774	<u>~</u>				331.316	-
1977-78			1.748					282.500	
1978-79			1,676	\sim	ិភា	1,731		305,360	-
1979-80			1,847		~			184.490	·
1980-81			1,863	-	_	1,908		340,040	
1981-82			1,704	~ ~ 1	_	_		303,090	
1982-83		453,770	1,377	m	N	_	175,830	252,040	
	E3	stern		ů	entral Hill		We	estern Hill	
12-0791	.525	82	33	5,9		3.0	020	111	
7-17			сч М	s ev m		5.7	ġ	114.301	
72-7			сц С	-		2.6	5	117 375	
73-7			52	ം ന		8 N	ŝ	121.941	
1-41			3	8		00° 2	Š	121.572	
75-7			្តត្ត	0		5. 2	5	125.490	
7-6-7			ŝ	4		2,9	5	127 130	
2-2-26			70	ິດ		C1	2	108,045	
20-2			ş	ц С		त्र २	88	120,930	
8-62			8	00 21		а. С.	5	106, 750	
9-036			Ş	23		a ű	3	115,130	
1981-82	57,240	117,400	2,051	70,990	207,540	N 	70,760	151,860	2,146
82-38			S.	ທີ່	è.	ក ល	8	131,200	
	Eas	itern Mount	ain	Cer	tral Mount	atn -	- 63	stern Mount	tain
12-0791	-	5,795	-	လို	Š	•	380	1,800	ŝ
1971-72	-	5,854	•	a	ν.		906	1.760	-
1972-73		6,155		С	7		830	1.736	-
1973-74		8,515	•	C.	<u> </u>		522	1.510	-
1974-75		8,067		<u> </u>	5		650	1.277	-
1975-76	-	21,010		<u>ч</u>	്	• •	730	1,241	`
1976-77	-	23,401	. *	<u>_</u>	· • •		250	064	·
1977-78		24,817	- P.		ె.	_	250	061	-
1978-79	11,120	25,430	2,287	5,920	11,850	2,002	110	210	•
1979-80 1976 - 81		24,020	•	ų.	ຕຸ	•	08	150	÷
1980-81	•	22,380	-	u.	5	-	20	30	<u>م</u>
1987-82		23,000	•	ų	ų	•	0 F	20	~
962-83	- 14	18,370	-	~	7	1.942	5	20	\$

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9. PADDY PRODUCTION TREND BY DIFFERENT AGRO-ECOLOGICAL ZONE IN NEPAL, 1970-83

TABLE (2 of 2)

Middle Mestern Ternit Far Meatern Ternit Far		Arca ha	ь год М. Т.	Leturna kg	ha		kg kg	ha	, e	ker -
977-77 97.550 77.473 1.829 57.000 102.407 1.801 55.500 1.802.505 1.803 57.000 1.802.505 1.803.705 1.		(1991)	3	ai	Far	estern T	म्न		Total	
972-71 91,500 179,700 1,004 92,000 174,10 2,005,10 1,004,10	1970-71	95,350	174,433	1,829	57,000	<u>m 1</u>	1,805		င္လိုင္ပံ	785 1
97:7-73 97:7-73 97:7-73 97:7-75 <t< td=""><td>21-116</td><td>19,330</td><td>179,732</td><td>v v</td><td>62°000</td><td>\mathbf{n}</td><td>242</td><td></td><td></td><td>1,763</td></t<>	21-116	19,330	179,732	v v	62°000	\mathbf{n}	242			1,763
99,770 99,700 18,818 5,550 125,11 1,939 1,0211682 189,184 1,1 977-77 99,700 18,216 1,1807 7,551 1,939 1,755 1,939 1,755 1,939 1,755 1,939 1,755 1,939 1,755 1,939 1,755 1,939 1,755 1,939 1,755 1,939 1,755 1,939 1,755 1,939 1,755 1,939 1,755 1,939 1,755 1,755 1,755 1,175	51-216	94,500	0/1:041	ò	28,000	0Z, 4	707,1		523,	1,621
977-75 971 953 1,871 653,000 124,603 1,975 1,028,000 1,046,700 1,046,700 1,046,700 1,046,700 1,046,700 1,046,700 1,046,700 1,046,700 1,046,700 1,046,700 1,046,700 1,040,700 1,046,700 <t< td=""><td>1973-74</td><td>99,700</td><td>184,278</td><td>ഹ്</td><td>61,950</td><td>80 20</td><td>1,939</td><td>33,</td><td>688. 6</td><td>1,867</td></t<>	1973-74	99,700	184,278	ഹ്	61,950	80 20	1,939	33,	688. 6	1,867
977-76 701,200 70,410 2,047 66,000 137,410 2,082 1,094,600 71,71 971-75 99,153 175,375 1,950 77,567 1,101 2,046,700 1,191,775 1,195 1,550 1,950 1,951 1,751,195 1,195 1,955 <t< td=""><td>1974-75</td><td>101,200</td><td>187,353</td><td>œ.</td><td>63,000</td><td>9.42</td><td>1,979</td><td>02²7</td><td>,928,</td><td>1,883</td></t<>	1974-75	101,200	187,353	œ.	63,000	9.42	1,979	02 ² 7	,928,	1,883
976-77 95,045 171,166 1,001 67.951 1,015 67.951 1,015 17,564 1,205 1,715 1,755,917 1,755,91	1975-76	0	207,110	0	66,000	37.4	2,082	034.	.046	1,978
977-76 89,534 175,375 1,959 77,567 1,957 1,055,5917 1,15 991-87 87,700 1,946 74,210 1,946 74,123 30,3587 1,958,800 1,958,800 1,958,800 1,958,800 1,958,800 1,958,800 1,958,800 1,958,800 1,958,800 1,958,900 1,771 1,041,650 1,958,800 1,958,900 1,998,900 1,958,900 1,958,900 1,958,900 1,958,900 1,958,900 1,958,900 1,958,900 1,958,900 1	1976-77	Ъ.	171,166	ര	67.951	08.3	1.595	010	826	1.755
973-77 92,120 136,260 1,775 1,567 1,175 56,970 1,959,220 1,799,220 991-82 100,120 1,40,720 1,949 65,770 129,600 1,711 1,599,220 1,999,220 1,999,220 1,999,220 1,999,220 1,999,220 1,999,220 1,999,220 1,999,220 1,991,601 1,991,720 2,991 1,991,720 2,991 1,991,720 2,991 1,991,720 2,991 1,991,720 2,911 2,913	1977-78	89,534	175,375	୍	71.564	18.7	1.662	033.	755.	1.698
973-87 95,770 100,120 100,120 1,77 100,120 1,915 1,925 1,959,220 1,955 980-81 87,720 173,600 1,940 70,280 120,350 1,959,220 1,955 981-87 100,120 100,120 10,173,600 1,940 70,280 120,350 1,959,220 1,959 970-71 20,410 173,600 1,406 70,280 120,350 1,959 200 1,958,900 2,999 <td>978-79</td> <td>92.120</td> <td>186.260</td> <td>0</td> <td>71,567</td> <td>24.0</td> <td>1.733</td> <td>8</td> <td>5</td> <td>1.756</td>	978-79	92.120	186.260	0	71,567	24.0	1.733	8	5	1.756
302-81 87,050 172,100 1,980 74,270 150,150 1,950,100 1,950,100 1,950,100 1,951,000	1979-80	85.720	100.860		66.910	ւտ	141	20.0	ġ	
991-82 991,02 1,940 6,770 122,790 1,956 1,957,420 1,955,400<	60.000			: •) C];		
372-32 100,100 10,720 1,944 900,620 1,954 1,951,420 1,951,420 1,951,420 1,951,420 1,951,420 1,951,420 1,951,420 1,951,420 1,951,420 1,951,420 1,951,420 1,951,420 1,951,120 1,951,120 1,951,120 1,951,120 1,951,120 1,951,120 1,951,120 1,951,120 1,951,120 2,293 2,293 2,914,111 2,293 2,191 1,252 2,293 2,191 1,252 2,293 2,191 1,252 2,293 2,191 1,252 2,293 2,191 2,193 2,191 2,193 2,191 2,193 2,191 2,191 2,191				n c		n r				
970-71 20,400 $1,201,400$ $1,200$ $2,230$ $1,201,400$ $1,201,400$ $1,200$ $2,230$ $1,201,400$ $1,200,2320$ $2,230$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,200$ $1,201,400$ $1,201,200$ $1,201,400$ $1,201,200$ $1,201,400$ $1,201,200$ $1,201,200$ $1,201,200$ $1,201,200$ $1,201,400$ $1,201,200$ $1,201,400$ $1,201,200$ $1,201,400$ $1,201,200$ $1,201,400$ $1,201,200$ $1,201,400$ $1,201,200$ $1,201,400$ $1,201,200$ $1,201,400$ $1,201,400$ $1,201,400$ $1,201,400$				ב ת		- r	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ກິດ	000, 106, 1	
Middle Western Hill Far Western Hill Total 970-71 20,490 $477,834$ 2,335 12,725 30,366 2,386 76,718 497,792 2, 977-72 977-77 20,410 $467,784$ 2,335 12,525 29,467 297 278 977-77 20,410 $45,012$ $2,326$ 13,700 31,990 2,335 27,990 27,970 29,917 29,916 29,916 29,9196 29,9196	204202	100, 120	140,740	00+1	10,400		- 404		024,182,5	12.10
970-71 20,490 47,844 2,335 12,725 30,366 2,334 178,597 445,093 27,778 27,997 973-77 10,225 51,672 2,234 178,597 482,411 27,993 975-77 23,555 51,672 2,234 178,597 482,411 22,997 975-76 23,555 55,520 2,396 2,397 17,790 27,793 482,411 22,997 975-76 23,555 55,520 2,390 13,700 31,400 2,397 482,411 22,997 976-77 22,966 55,550 2,514 13,700 31,400 2,3760 2,377 976-77 22,475 58,760 2,192 1,959 27,250 2,997 196,493 20,250 29,997 976-77 22,475 58,760 2,141 1996 700 196,493 20,250 29,996 27,250 29,997 20,993 20,252 20,252 20,252 20,252 20,252 20,252 20,252 20,252 20,252 20,252 20,256 20,256 20,256 <td< td=""><td></td><td>ddl</td><td>Western</td><td></td><td>. cri</td><td>estern Hi</td><td>11</td><td></td><td>Total</td><td></td></td<>		ddl	Western		. cri	estern Hi	11		Total	
971-72 20,410 46,893 2,293 12,938 29,672 2,293 182,997 48,508 2, 972-773 19,226 45,012 2,341 12,225 29,664 2,443 18,326 482,443 2, 976-77 22,660 55,320 2,390 13,700 31,440 2,327 196,428 482,443 2, 976-77 22,660 55,320 2,434 12,998 30,230 2,326 194,545 503,256 2, 976-77 22,660 55,320 1,700 31,400 2,101 1,500 2,326 194,545 503,256 2, 976-77 22,660 55,320 1,493 11,750 25,295 2,197 205,833 445,445 2,200 2, 976-77 22,560 2,434 12,998 30,230 2,326 194,545 503,256 2, 976-77 22,560 2,434 12,998 20,230 2,575 2,317 2,939,760 2, 978-77 22,560 2,434 12,900 2,670 1,937 194,545 503,256 2, 9980-81 21,700 32,390 1,493 10,210 16,730 1,639 199,670 409,750 2, 9980-81 21,700 32,390 1,493 10,210 16,770 1,874 200,790 499,660 1, 9981-82 2,570 45,190 1,907 14,950 26,750 2,152 200 2,152 20 2, 9982-83 24,570 1,907 14,950 26,770 1,874 200,790 499,860 1, 970-77 2,568 5,776 2,231 6,870 1,497 209,310 490,860 1, 977-77 2,568 5,776 2,231 6,870 1,497 209,310 490,860 1, 977-77 2,568 5,776 2,233 5,776 2,383 18,490 44,161 2,393 78,490 44,161 2,393 78,490 44,161 2,393 78,490 44,161 2,560 5,570 2,560 5,770 2,572 0,570 7,270 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,172 2,192 5,000 1,4,171 2,307 19,425 41,171 2,500 1,4,161 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,307 19,425 41,171 2,500 1,4,161 2,172 2,192 5,000 1,4,171 2,500 1,4,161 2,172 2,192 5,000 2,172 2,000 2,172 2,000 2,173 2,000 2,177 2,500 1,4,161 2,172 2,192 5,000 2,172 2,000 2,150 2,000 1,4,170 2,000 1,4,170 2,000 1,4,161 2,172 2,192 5,000 2,150 2,000 2,150 2,000 2,000 1,4,170 2,000 1,4,170 2,000 1,4,170 2,000 1,4,170 2,000 1,4,170 2,000 1,4,170 2,000 1,4,170 2,000 1,4,170 2,000 1,4,170 2,000 1,4,170 2,000 1,4,170 2,000 2,000 0,000 0,000 0,000 0,000 0,000 0,	5			N	12	30.				
972-73 19,226 45,012 2,341 12,225 29,601 27,909 21 975-77 22,555 55,555 5,556 2,339 13,700 32,760 2,357 195,035 582,443 22 975-77 22,555 55,555 55,555 55,555 55,555 55,320 2,339 13,700 32,750 2,337,999 22 22,447 22,850 50,3255 55,350 23,250 23,255 23,255 23,255 23,250 24,250 24,250 24,250 24,250 24,250 24,250 24,25 25,250 24,25 27,250 24,25	•		46.393	•	ŝ					
973-74 22,505 51,672 2,264 13,700 31,950 2,332 195,035 482,441 2, 975-76 22,405 55,550 5,560 5,560 5,560 26,134 13,700 31,950 2,332 195,035 482,441 2,25 975-76 22,400 49,190 2,137 13,700 31,950 2,332 195,035 482,441 2,25 976-79 22,540 49,190 2,182 11,750 25,290 2,397 13,700 31,950 2,255 2,256 2,417 2,255 2,256 2,415 2,256 2,417 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256	972-7		45.012	•						
975-77 23,555 53,558 5,764 13,700 31,950 5,332 196,428 382,411 21,71 975-77 22,860 55,350 2,434 12,998 30,230 2,325 196,425 503,250 23,250 23,250 23,250 23,796 22,555 21,970 23,790 24,990 20,700 24,990 26,700 24,990 26,700 24,990 26,710 20,290 24,990 26,710 20,290 24,990 26,710 27,220 27,200 24,240 26,260	772-7		R1 872		18					
975-77 $5,550$ $5,370$ $2,390$ $1,993$ $17,50$ $25,290$ $2,197$ $202,855$ $194,545$ $205,250$ $20,270$ $202,855$ $194,545$ $202,855$ $204,570$ $490,7750$ $22,3270$ $23,700$ $17,713$ $17,550$ $25,720$ $23,700$ $21,730$ $15,910$ $190,750$ $21,730$ $15,910$ $190,750$ $21,720$				÷	200					
975-77 23,440 5,750 5,350 5,350 5,350 205,250 25,852 29,310 495,250 27,86 20,300 20,300 20,300 20,300 20,300 20,250					ŝ					
977-77 22,000 53,050 2,434 12,996 39,230 2,325 194,545 502,825 2 978-79 22,475 58,760 2,614 11,950 26,255 2,197 202,853 466,909 2 978-79 21,770 32,040 1,987 10,1750 26,770 1,559 199,570 499,796 2 982-83 21,770 43,040 1,987 12,910 26,770 1,874 210,190 499,796 2 982-83 24,870 45,190 1,907 14,910 26,770 1,809 237,600 548,950 2 970-71 23,700 45,190 1,907 14,910 26,770 1,497 249,310 490,360 2 970-71 2,560 1,491 26,770 1,491 2,333 2 446,950 2 2 970-71 2,560 5,848 2,234 6,560 549,350 41,950 2 2 2 2 2 2 2 2 2 2 2 2 2 2			022.00		Ę,					
977-78 $22,475$ $58,760$ $2,614$ $11,950$ $26,255$ $2,197$ $202,853$ $466,909$ $2,195$ $499,750$ $22,5240$ $499,750$ $22,5290$ $2,152$ $198,985$ $439,796$ $22,5290$ $2,152$ $199,670$ $499,750$ $22,5290$ $2,1700$ $32,3900$ $1,493$ $10,210$ $16,770$ $1,679$ $25,796$ $2,199$ $299,670$ $499,750$ $22,5170$ $22,5100$ $1,907$ $14,910$ $26,770$ $1,99,750$ $28,520$ $21,497$ $219,310$ $456,960$ $2,196$ $2,196$ $2,196$ $2,196$ $2,196$ $2,196$ $2,192$ $2,192$ $2,192$ $2,192$ $2,192$ $2,192$ $2,192$ $2,192$ $2,112$ $2,284$ $6,700$ $14,167$ $24,950$ $2,122$ $24,150$ $24,260$ $24,160$ $24,$	970-7		55,650	- P	ę,					
978-7922,54049,1902,18211,75025,2902,152199,670499,7562,979-8021,77032,3901,49312,9101,491026,7701,539199,670409,7502,981-8223,70045,1901,93112,90024,1701,539199,670409,7502,981-8223,70045,1901,93117,1317,53026,7701,997249,5101,910970-7124,8701,71317,53028,2501,497249,5101,90,8601,970-712,5685,7365,2316,77015,6182,38418,21043,6922,971-722,5685,7362,2316,77015,6182,38418,21043,6922,971-722,5685,7735,87915,9672,38318,45043,6922,971-722,5605,1122,2146,570014,8592,1532,1762,972-762,5565,7732,2186,70014,1802,11623,01053,8112,264976-772,4155,4252,2246,70014,1802,11623,01053,8112,2642,273976-772,4155,4252,2246,70014,1802,11623,01053,8112,272,272,272,272,272,272,272,272,272,272,0152,272,272,0152,272,0152,272,016 </td <td>2-226</td> <td></td> <td>58,760</td> <td></td> <td>હું</td> <td></td> <td></td> <td></td> <td></td> <td></td>	2-226		58,760		હું					
979-8021,70032,3901,49310,21016,7301,639199,670409,7502,980-8121,73043,0401,98112,90024,1701,874210,190 $458,220$ 2,981-8223,70045,1901,90714,91026,7701,809237,600548,9602,982-8324,87045,1901,71317,53028,2501,497249,310490,8601,970-712,5685,7365,2846,87915,6182,38418,21043,6922,971-722,5685,7362,2316,87915,9672,38418,21043,6332,971-722,5685,7362,2186,70014,8592,15320,29044,1612,972-732,5505,7362,22715,9672,30719,18244,1612,972-772,5505,1122,1926,70014,1802,11623,01055,8112,974-752,3704,4992,01519,42544,1612,2,2,2662,266976-772,3704,2492,0265,7202,1492,0105,2605,60262,266976-772,4155,4466,70014,1802,1162,0152,2722,2722,2662,2662,266976-772,27014,1802,1162,01519,42544,1662,7262,2662,2662,2662,266976-77 <td< td=""><td>978-7</td><td></td><td>49,190</td><td></td><td>۴</td><td></td><td></td><td></td><td></td><td></td></td<>	978-7		49,190		۴					
980-81 $21,730$ $43,040$ $1,981$ $12,900$ $24,170$ $1,874$ $210,190$ $458,220$ $2,8,960$ $2,18,960$ $2,18,960$ $2,18,960$ $2,18,960$ $2,18,960$ $2,18,960$ $2,190$ $1,713$ $17,530$ $26,770$ $1,997$ $249,310$ $490,860$ $2,1$ 970-71 $2,560$ $5,848$ $2,284$ $6,550$ $15,618$ $237,600$ $249,310$ $490,860$ $2,1$ 970-71 $2,568$ $5,736$ $2,231$ $6,700$ $15,618$ $237,600$ $43,933$ $22,532$ $22,532$ $22,247$ $6,879$ $15,618$ $23,019$ $13,425$ $444,161$ $23,720$ $444,161$ $22,321$ $22,520$ $21,425$ $21,710$ $23,602$ $23,811$ $22,202$ $22,220$ $22,220$ $22,202$ $23,212$ $23,212$ $23,210$ $12,425$ $444,161$ $23,612$ $23,212$ $23,212$ $23,212$ $22,202$ $21,425$ $41,161$ $22,202$ $21,425$ $21,712$ $22,172$ $22,202$ $21,172$ $22,112$ $21,172$ $22,126$ </td <td>979-8</td> <td></td> <td>32,390</td> <td></td> <td>ស្ត័</td> <td></td> <td></td> <td></td> <td></td> <td></td>	979-8		32,390		ស្ត័					
981-82 23,700 45,190 1,907 14,910 26,770 1,809 237,600 548,960 2, 982-83 24,870 42,600 1,713 17,530 28,250 1,497 249,310 490,860 1, 970-71 2,560 5,848 2,284 6,550 15,618 2,384 18,210 490,860 1, 970-71 2,563 5,736 5,843 2,284 6,750 15,967 2,333 3,692 27 971-72 2,563 5,873 2,284 6,750 14,497 2,384 18,210 43,692 2,833 2,933 2,933 2,933 2,933 2,933 2,933 2,933 2,933 2,926 2,916 2,716 2,3811 2,244 6,700 14,191 2,307 19,425 44,161 2,933 2,933 2,933 2,933 2,933 2,933 2,943 2,91425 2,441668 2,100 2,116 2,3011 2,126 2,116 2,3611 2,943 2,91425 2,1172 2,192 2,116 2,116 2,116 2,126 <	တူ		13,040		8					
982-83 $24,870$ $42,600$ $1,713$ $17,530$ $28,250$ $1,497$ $249,310$ $490,860$ 970-71 $2,560$ $5,948$ $2,284$ $6,550$ $15,618$ $2,384$ $18,210$ $43,692$ $29,860$ 971-72 $2,563$ $5,736$ $2,2844$ $6,700$ $15,967$ $2,383$ $18,210$ $43,692$ $29,3692$ 971-72 $2,563$ $5,736$ $2,2247$ $6,700$ $15,967$ $2,383$ $18,210$ $43,692$ $29,333$ 972-72 $2,563$ $5,736$ $2,2247$ $6,700$ $15,967$ $2,383$ $18,210$ $43,692$ $29,333$ 973-74 $2,563$ $5,612$ $2,2247$ $6,700$ $14,4959$ $2,116$ $23,010$ $51,713$ $22,972$ 975-76 $2,192$ $41,713$ $2,192$ $6,700$ $14,180$ $2,116$ $23,010$ $51,713$ $22,927$ 975-76 $2,192$ $41,713$ $2,026$ $2,116$ $25,733$ $56,026$ $22,926$ 976-77 $2,415$ $2,026$ $2,015$ $2,015$ $25,026$ $56,026$ 976-77 $2,192$ $2,015$ $2,016$ $2,016$ $2,026$ $22,026$ 976-77 $2,192$ $14,180$ $2,116$ $25,0126$ $22,026$ $22,026$ 976-77 $2,192$ $2,026$ $2,026$ $2,026$ $22,026$ $22,026$ 976-77 $2,020$ $14,180$ $2,116$ $2,015$ $22,026$ $22,026$ 976-80 $2,016$ $2,016$ $2,016$ $2,016$ <t< td=""><td>981-8</td><td></td><td>45,190</td><td></td><td>6</td><td></td><td></td><td></td><td></td><td></td></t<>	981-8		45,190		6					
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977-78 2,070 4,249 2,033 7,300 15,023 2,058 26,015 56,026 2, 978-79 2,300 4,510 1,961 7,200 14,710 2,043 26,650 56,710 2, 979-80 2,270 3,750 1,652 7,080 12,180 1,720 26,550 50,960 1, 981-82 2,150 5,100 2,372 6,750 10,680 1,582 25,650 50,060 1,	976-7		-1	2.246		14,180	้ณ		51.5	ι.
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0-80 2,270 3,750 1,901 1,720 20,000 0,010 2,010 0-81 2,100 4,140 1,971 5,970 9,960 1,720 26,500 50,960 1,720 1-82 2,150 5,100 2,372 6,750 10,680 1,582 25,650 50,060 1,			1 1				ĩ			
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1,52 2,50 5,100 2,572 5,750 10,650 1,582 25,650 50,060 1,		*				7,900			474	÷
	Ē	~		212.2		10 680			¢ 4	•

TABLE ¹⁰. WHEAT PROJECT TREND BY DIFFRENT AGRO-ECONOLOCAL ZONES IN NEPAL, 1970-83 (1 of 2)

1444 1444 1444 1444 1444 1444 1444 144			60 20	ha	ų	ke Ke	ha	E	
144 144 144 144 144 144 144 144 144 144	Eas	tern		Cen	entral Teral		We	stern	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	700	•	600	40,600	29,147	718	ഹ്	24,308	662
1444 1444 1444 1444 1444 1444 1444 144	22,700	÷.	640	45,650	36,867	808	5	28,350	177
#59288 5228 5427	28,441	ທ໌	1,253	57,503	75,390	1,211	ഹ്	52,410	814.10
-75 -76 -78 -78	29,000	σ,	1,029	59,937	80,860	. 7	ີ້	44.298	1,155
-76 -77 -78	37,207	ີໝີ	1,046	65,241	89,688	5	പ്	51,095	
-77 -78 -78	42,137	50,057	1,188	100-035	117.796	Ē	ີດ	49 915	1.150
-78	45,795	്ഗ്	1,001	103, 402	109.572	്ട്		44 593	500
¢ I	44,788	o	1,130	108.550	115,467	ဗီ	്ഹ	50, 397	1.085
6/ ~	16,330	ò	1.172	97.690	116.440		ò	55,070	• •
80	49,350	<u>،</u>	1,166	97.260	125,460	ري م		60,090	
- <mark>6</mark> -	36,960	്റ	1,329	109.200	140,600	• •	59 350	74.590	1.257
-82	33,570	i "Li		102,030	130.570	ജ	i n	73.670	1.245
-83	60,210	95,050	1,579	131,580	179,950	ĩ	65,460	73,450	1,428
	523 1	stern Hill		Cei	entral Rill		We	estern H111	· · .
-71	390	ď	962	4 640	2	978	270	11 209	1 020
1-72	6		10	- 8 7		1.203		12.087	1,071
-73	្រុ		546	2.10		1.509		2 877	1,064
74-	្អ		954	5		1.237		5.727	1,109
4-75	6		957	33		236		16.162	1,123
-76	5		1.229	5		1.214		17.598	6
- 22-	ŝ		•	8,0 ⁵		1,401		19.959	1,002
-78	S		1,200	17 0 0		1.477		21.073	
6 <i>L</i>	5			9.07		1,447		30,580	1.245
ŝ			1,247	9,93		1,389		27,780	
-8-	-		1,230	0.6		1,266		28.870	1.100
-82	12,960	15,800	1,219	42,880	72,100	1,681	27,890	30.940	1,109
မ္မေ	.08		1,286	8,89		1,569		34,620	1,162
	ീ	tern Mounts	ain	Cen	tral M	ain	Wes		ata.
-71		,277	σ			76	1,300		1.027
-72		5	960			1,070	•	ന	1,070
-73	2,648	Ŧ	911	-		8	1.220		902
74-	-	ถึง	398			951	•	867	848
-75		26	894			661	• •	870	848
-76		55,	1,178			9	56#	568	1.147
-77	700	5	883			୍ଟ	867	571	1 147
-78	810	ന	•			ં	510	527	1,033
00 Ne	820	600	00		-	5	560	160	821
-81	1,350	ઝુ) C				000 200 200	1040	010°
981-82 82 82	1,810	2,010	1,110	3,880	4,260	1,098 800,1	066	1, 290	200 200 200 200
m 2 1	1,520	• ••	Ο.		•	5	- 930	1,220	1,312

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10. WHEAT PROJECT TREND BY DIFFRENT AGRO-ECONOLOCAL ZONES IN NEPAL, 1970-83

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TABLE (2 of 2)

	Area ha	Prod.	Yield/ha kg	Area ha	Prod.	Yield/ha kg	Area ha	Prod.	Yield/ha kg
	Middle	tern T	erai	W TER	estern	'a1		Total	
<u> </u>	16,400	14,310	873		2,633	131	116,000	8	704
971-7	16,400	ທີ	926		<u>ب</u>	738	127,050	ន្ល	783
972-7	17,950	÷	1,170		ч,	952	149,050	2	1,290
ę	ດ້	ຈົ	041,1				153,640	ĸ	1,212
974-7	ፍ	e,	1,109		~.		174,007	စ္ဆ	1,214
975-7	22,307	ം	1,183			1,150	222,984	261,519	1, 173
r	ŝ	ດົ	148		Ч,	•	233,567	m	1.012
2-226	ົຕົ	ന്	1,029		.ч.,	•	240,034	E	1,076
~	1	ົທີ	1,054		Ч,	• •	202,790	3	1,152
ထု	23	ົດ	1,200			•••	237,330	83	1.208
980-8	ົດວົ	ι'n	1,196		<u>.</u>	•	250,590	5	1.268
တ္	Ň	ົພົ	1,485		- U-	1,259	249,060	:8	1,329
1982-83	30,930	ີ	1,258	25,750	Щ.		313,930	5	1,150
	Middle	Western H	111	5.	Western H1	11	·	Total	
റ	.950	17.669	0.	100	16.575	¢,	3.6	82	991
1	•		1,107	7.20		266	(94,072	•
1	• •	۰,	യ	7.20	ഴ	903	ר י ה	919,49	•
5	•	<u>ات</u>	16	e P	5	869	9	97.489	•
1	•	<u>ار ا</u>	912	9 2	ထ	876	i en	050 66	1.064
ī,	• •	പ്പ		5.85	പ്	1.169	ူဆ ။ တ	106.414	• •
ĥ	ີໝີ	5	1,051	5.99	ι Υ	728	5	114.062	• •
1-1	ι ω	<u>ອ</u>	Ο	6,02	ి	305	06.5	130,442	• •
5	6	ိုင်	1,150	4,72	୍ଦ୍	877	5 	142.120	
ĥ	۰Ó			4,92	റ്റ	806	16.3	140.610	•
ဗို	÷	ຕົ	-	6,20	ി	888	2 0	144,420	1775°
1981-32	32,530	36,490	1,122	18,160	22,530	1,241	134,420	177,860	
<u>የ</u>	ຄົ	5	1,117	5,9	°.	1,143	N N	195, 410	1,292
	Middle We	ater	ntain	e	stern Mount	tain			
970-7	10,400		о	-	11,385	<u>с</u>	ស្អ	ω	-
971-7	10,500		1,120		Ο	- 	82		1,064
5	10,500		œ	\overline{o}	9,334	б С	25		907
973-7	t0t 6		566	ō	8,937	œ	62		925
7-470	7,464		962	0	7,948	~	6		832
975	ù,260		1,157		8,216	-	.66		1,151
976-7	3,961		00	-	4,236	9	8		815
977-7	3,225		946	•	4,177		S		870
1 000	000		774		001.1		2		914
81085	2,590	200	620	5 780	1, 960 1, 1	ល ៖ ស្រុំ ស្រុំ ស្រុំ	13,340	13,080	e C C
0	100 C		•	•	04240	-	<u>.</u>		1,301
1901-001	000°v	2,880	1,000	÷.	6,600	Un	Ŧ		_
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TABLE 11. BARLEY PRODUCTION TREND BY DIFFERENT AGRO-ECOLOGICAL ZONES IN NEPAL, 1970-83 (1 of 2)

ha ha 1973-71 905 1973-72 905 1973-73 940 1973-74 905 1973-73 940 1973-74 780 1975-76 565 1977-73 940 1977-73 840 1977-75 780 1977-76 785 1977-78 455 1977-78 110 1978-80 710 1978-79 330 1978-79 330 1978-73 110 1978-73 1,130 1978-73 1,130 1973-74 1,130 1973-74 1,1330 1973-74 1,1330 1973-73 1,130 1973-74 1,130 1973-74 1,130 1973-74 1,130 1973-74 1,130 1973-74 1,130 1973-74 1,130 1973-74 1,130 1973-74 1,130 1973-73 1,170 1973-73 1,170 1973-74 1,130 1973-74 1,130 1973-74 1,1330 1973-75 1,1330	M.T. tern Terat 679 679 679 7700 803 845 746 341 341 341 341 341 1,193 1,193 1,193 1,193 1,193 1,193 1,293	ke 750 761 769	ha	5		0 1	Ę	
970-71 971-72 972-73 977-72 977-72 976-77 977-777 9777-777 9777-777 9777-777 97777 977777 977777777	60000000000000000000000000000000000000	750 761 769			2X	50	F	Хġ
976-71 972-73 972-73 972-75 972-75 972-75 976-77 978-78 976-77 976-77 978-78 978-78 978-78 978-78 978-78 978-78 978-77 978-78 978-77 978-78 978-78 978-77 978-77 978-77 978-78 978-778 978-778 978-777 978-777 978-778 978-777 978-778 97878 978778 978778 978778 978778 978778 978778 978778 978778 977	60000000000000000000000000000000000000	750 761 769	en	tral	-4	0	atern .	-1
971-72 972-73 972-73 972-73 974-75 976-74 976-77 976-77 982-88 982-88 982-88 976-77 976-77 976-77 976-77 976-77 976-77 976-77 976-73 976-77 976-73 976-77 976-73 976-77 976-73 976-77 976-73 976-77 976-73 976-77 976-73 976-73 976-77 976-73 976-73 976-73 976-73 976-77 976-73 976-77 976-73 976-77 976-73 976-77 976-73 976-73 976-77 976-73 976-77 976-73 976-73 976-77 976-73 976-77 976-73 976-77 976-73 976-77 976-73 976-73 976-73 976-73 976-77 976-73 976-73 976-77 976-77 976-77 976-73 976-77 976-73 976-77 9777 97	50000000000000000000000000000000000000	761 769	_		686	2,020	1,432	~
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842 842 842 842 842 842 842 842	1,038 1,193	974	557	245	1.	2.375	2.241	
977-74 977-74 977-74 977-77-75 977-77-75 97-97-9 979-14 998-14 998-14 988-14 14 14 14 14 14 14 14 14 14 14 14 14 1	1,193	975	579	565	1	2,480	2 11	972
947-17 946-17 946-17 946-17 946-17 948-18 980-18 18 980-18 88 18 88 88 88 88 88 88 88 88 88 88 8	1,298	978	635	620		2.470	2,398	10
975-776 976-776 976-776 978-77 979-88 982-1-88 982-1-88 982-1-88 982-1-88		976	736	625		2 488	007 4	968
976-77 977-778-79 979-480 979-480 980-481 982-83 982-83	886	805	611	505		2 405	2,320	996
977-77 978-77 979-87 980-81 981-83 982-83 982-83	823	100	873	1010	•	286	000	820
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-71 1.520		•-			-	1.770	•	1.017
971-72	1.543	1.015	895 895	006	1.006	1.170	1.190	1.017
-73	1,449	1,017	770	775	1,006	1.155	1, 159	1,003
973-74	147.7	1.020	855	856	1.001	1 145	1.151	1,005
974-75 1.	1.748		867	868	1 001	1 150	1,155	100
975-76	1,357	798	865	866	1,001	1 170	1, 175	1,004
976-77	732	650	805	670	832	1,169	1,174	100,1
977-78 1,	896	811	780	669	. 968	1,200	1,200	1,000
-79	076	670	410	376	216	1,200	1,740	950
929-80	00000	822	820	760	927	1,200	1,150	958
980 	0020	870	290	069	873	1,500	1,500	1,000
	040	יי ה ה	790	020	161	1,500	1,500	1,000

TABLE 11. BARLEY PRODUCTION TREND BY DIFFERENT AGRO-ECOLOGICAL ZONES IN NEPAL, 1970-83

(2 o£ 2)

1970-71 1970-71 1973-72 1973-72 1973-72 1975-76 1976-77 1976-77 1978-79 1978-80 1978-70 1978-80 1000-80 1000-80 1000-80 1000-80 1000-80 1000-80 1000-8	Middle	1 2201 1	í	13	IW	N X	¢ C	12	k. X
71012 710012 710012 71012 71012 71012 71012 71012 71012 71012			erai	Far	1 Ter	at		Total	
914-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	n n v	248	669	0	9	. 600	•	5,594	669
972-972-972-4-7-4-7-4-7-4-7-4-7-4-7-4-7-4-7-4-7-4	355	250	704	0	2	100	_	-	104
9975-1-7-7-1-7 9975-1-7-1-7-1-7 9880-1-7-1-7-1-7 9880-1-7-1-7-1-7-1-7 9880-1-7-1-7-1-7-1-7-1-7-1-7-1-7-1-7-1-7-1-	360	250	te9	9	न	667			662
974 974 976 976 976 976 976 976 976 976 976 976	765	254	332	51	61	600	8.250	5,576	676
975-7 975-7 976-7 979-8 982-8 982-8 982-8 982-8	390	268	687	1	24	585 285			709
976-7 978-7 978-7 978-7 980-8 980-8 981-8 982-8 982-8		570	604 1	100		2005	•	•	202
978-7-7-7-7-7-7-7-7-7-978-0-89 979-80-89 980-89 980-89 982-89		010	299		ά	1 F	•		004
978-7 979-8 979-8 980-8 981-8 982-8) - ()				22		•	•	
975-8 979-8 980-8 981-8 981-8 981-8 981-8 981-8 981-8	22			21	0 <u>-</u>		٠		
979-8 980-8 981-8 982-8 982-8 982-8	910	910	1,000	02	071	526	-	_	212
980-8 981-8 982-8 982-8	014	740	1,000	180	150	600 800 800			6
981-8 982-3	730	710	973	180	170	5445 6	•	_	162
982-3	590	530	868	190	180	647		5,490	E8
•	280	260	929	160	202	167			19 3
	Middle	Western H	111	Far	Western Hill	r I		Total	
- S ~	σ	~	986	8	~	1.013		σ	596
	•	rt 1	000		e	1014	-	1720	000
- 5	-	×.	200		*		•	10,070	280
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ה		•	0 7 7		•	1.0.1	•	10,224	ת ה
· · · ·	-		6001			1,017	_	10,360	586
~	4,050	•	1,004		2,486	5		10,362	116
· · ·			857			8	· · ·	9.511	872
			988			5	•	0.410	980
•••	•	H.	661		n .	0.40		800	
10			6.4.9		040 1		•		900
		•		>			•))))	
2.5	5, 180	•	00	D07.1	1.40	2		0* L * 0	0
1981-82	5,140	4, 460	363	2,000	1,720	8680	10,810	9,310	98
U J.	5,250	•	827	1,830	1,550	242		9,280	578
		estern Mou	ntain	Far We	stern Nount	ain	•	Total	•
►-	3,705	4,070	1,101	2,025	2,172	1,073	-	9,883	1,061
5	3.705		1,086	2.025	2.172	1.073		•	1,055
5	3.730		1.070	2,010	16	1,079		•	1,050
E.	2.664		1,071	2,005	ſ	1 074	• •	•	
7	3 675		1.071	1 920	0.15	; F	-	•	1.04
1		P			5		٠.	۰.	-
21	2.990		0/01	201 . N	Q:	210,1	-	•	
976	10 10 10 10 10 10 10 10 10 10 10 10 10 1	•	1,053	2, 240	1,666	567	•		50 10 10 10
5	2,885	•	. 033	2,940	1,984	675	1.		.1.8
1978-79	3,230		960	2,100	1,950	643	8,020	7,536	940
Š	2, 220	•	e ye	2	-	15.1	•	•	873
980	200	080	אר אר אר	1008 IC	000	804 70	•	•	
5	200	•).)C	15	'nγ	- 40		•	5 č
i &		-	1 C 2 C	= 1	2,000		•	•	ŏ

MAIZE PRODUCTION TREND BY DIFFERENT AGRO-ECOLOGICAL ZONES IN NEPAL, 1970-83 TABLE 12.

(1 of 2)

	ゴン・ミ					51.51044	5745		
	ha	τ Σ	kg .	ha	£	kg	ha	Ę	КŖ
	rt	stern Terai		Cen	tral,		<u>e</u>		
12-071	11,400	5	1,326	v	100,708	1,770	e e		1,726
1971-72	10,975	13,704	1,249	S	97,597	1,742	హ లు		1.7.1
:972-73	11,050	<u>m</u>	1,279	ł	104,219	1,823	5		1,892
1973-74	12,400	弦	1.245	ຸ	90,439	1,708	ঁত		1.841
974-75	13,200	1	1,301	-1	93,766	1,709	5		58.
1975-76	12,670	5	1,183	o	78,800	1,580	5		1.82
976-77	15,912	မ္မ	1,363	ശ	79.980	1.703			
1977-78	16.248	E N	1,361	ന	78.016	1,806	. •		2.07
978-79	10.260	È	1,455	43,000	65,450	1.522	ം	32,830	
1979-80	16,690	ദ	1.378	က	30.600	804	- 1		96
1980-81	19.1.20	ίd	1.572	• •	72,090	1.675			10
981-82	21,000	33, 190	1,580	ነድ	78, 380	072-1			1.66
1982-83	28.000	1.3	1.584	• •	074 06	586			1.80
	利 (二	` d		•	- 1-				
12-0721	61,250	119,132	1,945	5.0	149,324	1,966	ന	151,029	2,089
1971-72	60,550	105,604	1.744	₹ 3	127,014	1.710	0	128 916	
972-7	61,333	110,785	1,806	20	140,998		. ന	155,188	2,051
973-7	65.246	120,900	1,852	ິ ດ	Č,	1,843	Ś	117 671	
1974-75	65,890	122,109	1,863	6	147,090	1,844	2	149.375	6
975-7	65,890	110,400	1,670	6	140.210	•	N.	151,130	6.5
976-7	65,990	115,770	1.754	~ 	148.839	2,164	્ય	198.768	8
6-279	70.614	104,102	474.1	ູ ຈີ ເ	137.354	• •		118.405	1.44
1978-79	71,810	117,150	1,631	्त 	123.520	1.805		124.480	1.50
979-8	66,180	82,170	1,241	ှု ဂ	101.140	1,434	1	87,810	1,10
980-8	71,850	109,420	1,523	.។ ហ	130,310	1,725	ര	120,900	35
1981-82	81,370		1,530	88,980	152,940	1,719	79,720	117,850	1,478
982-8	79,720		1,092	ς Ω	138,780	1,536	Ϋ́	131,740	1,35
	Teei	ern Mountai	Ę	Cent	ral Mountai	ť		tern Mountai	ç
6	14,350	27,500	1,916	Γ.	C	1,981	ູ	-	1 79
1971-72	14,250	27,240	1,912	ų,	SO.	1,936	5	-	1,78
5	15,694	29,211	1,861	Q,	0	1,897	9	-	1,78
5	16,540	30,835	1,864	ୁ	0	7:9:1		_	1,76
5	16,050	30,354	1,891	φ.	4	1,924	ੋ.		1,76
ሯ	16,050	30,590	1,906	ဗ္	e	1,923	2,400	4,139	1,72
5	16,050	30,444	1,897	Ŷ	∞	1,890	ः,		, 79
5	15,538	25,915	1,668	Š	ഹ	1,682	्र,		1,82
6	15,960	28,920	1,812	ኖ	ന	1,496	~	-	1,52,
979-80	15,090	21,030	1,394	<u>ۍ</u>	N	1,157.	<u> </u>	•	1,537
- 80-81	18,020	30, 100	1,670	12,820	19,640	1,532	2,330		
χ.	10,970	27.190	1.602	g	Ľ	сил 113	000		NA.
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TABLE 12. MAIZE PRODUCTION TREND BY DIFFERENT AGRO-ECOLOGICAL ZONES IN NEPAL, 1970-83 (2 of 2)

	Area ha	Prod M T	Yield/ha kg	Area ha	Prod.	Yield/ha kg	Area ha	Prod.	Yield/ha kg
	Middle	E	erai		5.	ai		Total	
1970-71	35,900	58,158	1,620	15,500	20,784	1,341	140,550	230,743	1,642
1971-72	æ.	ഹ്	1,632	ഹ്	19,230	1,274	ŝ	225,327	1,620
1972-73	÷	ഹ്	1,696		20,384	1,330	ഹ്	236,809	1,704
973-74	ŝ.	Ô	1,679	ഹ്	20,048	1,331	ഹ്	222,167	1,600
1974-75	38	ົດ້	1,699	16,183	21,943	1,356	റ്	232,250	1,648
1975-76	ν.	ന്	630	ō	15,690	970	ົທີ	O	1,332
1976-77	·	1	1.759		24,420	1,420	0	214,080	1,662
1977-78	6	់ក	1,650	~	24,149	1.414	Ъ	S	1,690
1978-79	`	6	1.686		22,930	1,501	o	222.700	1.630
1979-80	·	Ň	1,415		22,620	1 480	6	163,830	1,197
1980-81	-1	-	1.688		27,220	1,530	-	221,040	1.679
1981-82	ิณ	ົດ	1.639		20,760	1,424	o	213,740	1.644
1982-83	ŝ	51,930	1.448	20,110		1,317	ŝ	227,200	1,531
		Western	HILL	Гаг	e.	- H		Total	
1970-71		74.767	1,973	13,800	24,75	1,793		525,002	1,987
1971-72		74,987	1,989	13,600	24,32	1,789		460,407	1,783
1972-73		74.106	1.971	14,100	26.10	1,851		∞	1.911.
1973-74		69,212	1,858	14, 100	27,46	1,907		512,625	1,368
1974-75		59,675	1,598		ഗ്ല	1,912		1~	1,929
1975-76	37,350	59.410	1,591		ŝ	1,662		\circ	1.782
1976-77		68,598	1,870		\mathbb{S}	1,755		505,979	1,918
1977-78	5	61, 197	1,780	•	ള	1,654		· N	1,607
1978-79		66,140	1,688		S	1,653		453,610	1,645
1979-80	39,280	61,020	1,553		ŝ	1,648		354,390	1,318
1980-81	-	64,060	1,57.1	-	8	1,509		453,510	1,603
1981-82	41,230	60,780	1,474	12,430	17,830	1,434	303,730	473,870	1,560
1982-83	7	59,830	1,400	-	<u>S</u>	1,324		434,230	1,344
	g	eat	untain		S.	tain		Total	
1970-71	5,350	9,541	1,783	4,600	7,776	1,690	41,200	277, 773	1, 338
1971-72	អ័	ç	സ		ŧ.	1,652	oʻ.	<u>ا</u>	558°
1972-73	ຮູ	Ŷ	ഹ		₹	1,657	ç	-	170.
193-74	25	ð	1		ສຸ	1,169	ŝ		1,804
1974-75	្ត្	ų	1	ιų.	8	1,668	ి		1,866
1975-76	ŝ	₹.	1,631	•	Ę	1,587	ထ္	Ś	1,840
1976-77	ະລັ	ൗ	CO .	്	g	1,663	ာ္		1,841
1977-78	₫.	e.	-1		ž	0777°	r.,	ທີ	1,651
1978-79	5	ŝ	-	Ŷ	ŝ	1,690	<u> </u>	ຕົ	1,674
08-6161	5	٠.	ന		ີ້	1,690	്ല	Ś	1,361
1980-81	εř.	o.	ഹ	ະຕິ	ų	1,457	<u>ۍ</u>	ດີ	1,594
1981-82	=	ഹ്	N	-	8	1,600		ŝ	1,554
1962-53	, 56	က	\mathbf{O}	4,250	52	1,322	e.	Ś	1.445

TABLE 13. MILLET PRODUCTION TREND BY DIFFERENT AGRO-ECOLOGICAL ZONES IN NEPAL, 1970-83 (1 of 2)

		3 H 7 X	ALCIC: DE	нгеа ha	N T	Tield/ha	Area ha	Por te	Yield/ha kg
į	1	tern		Cen	tral		Wes	estern Terai	
0-71		672 7	1,010	7,750	6,621	855	550		864
1-72		4,749	1,010	7,750	6,621	854	2,450	2.202	899
2-73		-	917	7,525	6,618	879	2,500	2,160	140
3-74			545	7,800	6,854	879	2.700	2,265	878
		_	1,064	8,110	7.00.7	875	2,798		5 Y C 2
5-76		4,630	1,002	8,090	7.070	11 - 80 11 - 80	2,800	0010	
2-12			1,026	7,520	6_200	228	180	1 1 1 1 1	
7-78		•	912	1.251	6 757		ν υ ο ο υ ο	0-0"- -	-
3-79		• .		YO			5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	21247	
08-0			101	6 920		242	2 4 C	002	202
5			- 10-			να 1 (ν (V 410	1,430	802
-82		<u> </u>	0410		0.77.0 A 640	0 (ሳድ እ (252.4	•	874
982-83	000, 1	2 C C C C C C C C C C C C C C C C C C C	190 F	010414	010.0	11 C 7 Q 7 V	N, 230	2,270	168
		1		2.3.		600	1,450	062.1	205
	883 1	tern S		Cen	-3		Me	Western Hill	
0-71	13,875	16,801	1,211	•	18, 194	1.087	.025	្វេ	1 197
1-72	13,875	16,801	1,211		18.194	ഋ		100 100 100 100 100 100 100 100 100 100	101
2-73	16, 143	18,939	1,170	•	19,155	င္ပ	ìo	420.94	000 1
3-74	17,041	21,339	1,252		20.338	:0	ο	12 028	1000
374-75	17,370	21,737	1,251		20.327	20	īσ	-0101 -1 1 -1010	100 100 100
5-76	17,360	21,340	1,229	· · •	20.520	-	δσ	27 860	1 226
6-77	16,529	18,943	1,146	r 4	20.811	- 6	ĥc		1 + 87
7-78	17,693	16,905	955		17.652	411	īσ		101 1
8-79	19,200	19,260	1,003	• •	15,490	: œ	ĥa	- 000 6.2	
9-80	18,990	18,570	978		16.040	:6) a	36,350	
0-81	18,290	18,450	1.009		15,960	59	ົບ) (U) に) に) に) に) (U) (U) (U) (U) (U) (U) (U) (U	
1-82	18,930	17,980	950		5,880	960	٦a		1000
2-83	20,310	18,440	908	19,150	13,200	000	38.410	26,996	963
	Easte	rn Mountai	G	Centr	Mountat		100 H	2	
0-71	4.125	127		0	: (נ	ern wounua	. '
1-72	1 XC	•		•	~ 1		000	1,170	2524
972-73	•				h (202	010.1	1,120
1210	•	÷				1, 133	1,000	1,223	1,223
	•	٠		•	ຮູ	1,132	1,150	1.417	1,232
	*	•	222.	٠	66	1,132	1,150	1.417	1.232
	4, a50	•	1,321		e G	966	1,150	1,240	1.078
	*		1,331		ŝ	1,132	1,100	1.220	1.109
7-78	4,754	-	1,285	•	11	962	1.100	1.198	1,089
2-79	4 ,710	•	1,329	•	-	277	100	1.200	1.136
-80	4,710	•	1,136	•	60	503	1,100	1.250	1 136
	1900 1900 1900	025,	1,003	1,090	3,850	1 75	1,100	070.1	166
		•		٠	ě,	5444	1, 100	0.000	500
ç				•					

TABLE 13. MILLET PRODUCTION TREND BY DIFFERENT AGRO-ECOLOGICAL ZONES IN NEPAL, 1970-83 (2 of 2)

	Area L-	rrod.	Tield/ha	Area	Prod.	Yield/ha	Area	Proc.	Yield/ha
			кв Кв	ar		kg	ha	Ę	ka
		e Zast T	erai	Far	East Terai			Total	3
		5	824	1,850	1,600	865	e con	1	100
2/-1/2		c)	824	1,850	1,600	865		17 101	
1972-73		5	865	1.800	1.672	100	50	16 075	N 0 N 0 D 0
1973-74		2,278	876	1,900	1.722	906			
1974-75	2,600	2.277	876	000			> c		828
1975-76		2.207	046					600 + 71	903
1976-77) r a a a		002.4	910.	היו		915
1977-78				006.1	027.1	116		ŝ	883
1078-70				1,900	1,951	•		17,575	030
			1,102	1,900	1,900	1,000		13, 810	932
	1,500	1,340	1,031	1,900	1,830	963		16.690	100
	1,580	1,850	786	1.970	2,050	1 0 1		18 100	0 7 7 7 7 7 7
<i>.</i> , ,	1,880	1,790	952	1,550		1,112		2011	13 ± 1 10 1 0
1942-43	1.820	1,340	901	1,900		1,000			1 C C C C C C C C C C C C C C C C C C C
	Σ	West	12	Far N	eater,			- :	200
1970-71	7,700		1,153		ur I	1 158	с С		() 1
22-172	7,700		1,153		1.1.1	041	 		
1972-73	8,236		1.019		- 79 2 2 2 2 2 2	~ [
1973-74	8,636		U U			~ a	20	466 001	761.1
1974-75	8,640	3,593	995	2000				105,040	~
5	8,630		1.016			26	50	104 015	_
1976-77	8,510		• •			<u>ה</u> ו	0.0 0.1	104,561	_
1077-78	8,520		n •		- n (0 - 1	ഹ	5	102,685	1,168
1978-79	9.670				0, (40	È	ທີ່ ທີ່	30,605	1,054
1979-80	070		-α		01440	n i		94,700	1,087
1980-81	12 060				001.0		<u>с</u>	84,950	619
8	11 460				0.100	135	⊐r o	87,520	1,012
982-83			100.1		0.740	0	۲. ۲.	88,220	1,005
3	3			, 570 51, 11	5,400	68	-	87,100	616
-	:	្វដ ភូម រ	1 000		rern rern	ä		Total	
				×,400		1,194	Ē		1,238
			212 F	N, 400	•	1,194	5		1,188
			1,220	2,500	•	1,196	2		1.223
- 1			1,192	2,653		1,181,	6		216
2 2			1,183	2,650	•	1,189	5		1,165
76			1,184	2,640	-	1.186	ŝ		000
E			1,158	1,970		1 184	6		
A/-0/A	3,800	3,980	1,047	1,970		1,244	15 410	17.680	, - - - -
~ c			1,003	1,970		1,076	8		
nc			981	2,880		899	5		
nc			646			000			
1					1				

Yield/ha kg	200000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Saptari Prod. MT	1114, 200 1124, 200 1124, 200 1146, 420 1146, 420 11000, 420 11000, 4200, 4200, 4200, 4200, 4200, 4200, 4200, 4200,	
Area ha	63,500 62,500 66,50,000 65,500 65,500 770,200 772,850 713,46500 713,46500 713,46500 713,46500 713,46500 713,46500 713,465000 713,465000 713,465000000000000000000000000000000000000	
¥ield∕ha kg	523 523 523 523 523 523 523 523 523 523	Average ^{m/ha} 1,858 1,858 1,852 1,852 1,852 1,852 1,842 1,754 1,754 1,754
Siraha Prod. MT	111,072 86,925 86,925 115,220 115,833 115,833 115,833 115,833 112,850 112,250 112,250 54,300 54,300	Total Prod. 898,507 922,055 922,655 922,655 874,323 874,323 874,323 925,750 945,2000 945,2000 945,2000000000000000000000000000000000000
r Area ha	62, 400 62, 400 64, 400 64, 400 66, 4, 110 66, 4, 110 66, 93 58, 590 67, 430 58, 590 67, 430 58, 590 67, 430 58, 590 67, 430 58, 590 58, 590 59, 590 59, 590 59, 590 59, 500 59, 500 59, 500 50, 500 5	Area 193,700 493,700 495,850 469,345 505,188 505,188 500,800 511,450 513,400 513,400 513,400 513,400 513,400
Y1cld/ha kg	7300 7200 7300 7300 740 740 740 740 740 740 740 740 740 7	Xield/ha kg Cull 1,940 1,995 1,995 1,995 1,986 1,986 1,986 1,700 1,500 1,500
Dhanusa Prod. MT	108,000 105,600 82,563 108,000 110,200 110,200 86,370 96,370 98,060 98,060 98,060 98,060 98,060 98,060	Jhapa Frod. J. M. 200 148,022 158,430 155,430 155,430 155,230 1487,430 155,230 148,250 148,250 148,250 148,250 148,250 148,250 148,250 148,250 136,570
a Area ha	60,000 60,000 555,000 557,000 557,000 557,000 557,000 557,000 5500 55	* Area 76,300 88,550 88,550 88,550 87,000 87,000 87,000 81,012 82,5500 82,5500 82,5500 82,5500 80,5500 80,5500 80,5500 80,5500 8
Yield/ha kg	884 6003 7003 7003 7003 7003 7003 700 700 700	Xield/ha kg, 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,900
Mahalari Prod. MT	113,400 85,5380 85,5380 1114,300 96,1550 96,1550 96,1550 1115,6238 96,1550 96,1550 1113,120 1123,120 126,020 126,020 126,020 127,520 21,520 22,500 22,500 2,	Morang Prod. 377 352,800 151,525 151,525 151,525 151,525 151,525 151,525 152,800 142,870 142,870 142,870 142,870 1129,410 129,410 129,410 129,410 152,800 142,870 119,800 1119,800 1119,180
. Area ha	63,000 68,595 68,595 68,500 68,595 7,000 83,0000 83,0000 83,0000 83,0000 83,0000 83,0000 83,0000 83,00000 83,0000000000	Area Area B33, 713 B33,
Yield/ha kg	440008003000000000000000000000000000000	Kield/ba kg 1,710 1,800 1,800 1,800 2,010 2,010 2,010 2,300 1,815 1,815 2,300 1,815 1,815 1,815 2,300 2,300 1,815 1,815 1,815 1,815 1,815 1,815 1,815 1,815 1,815 1,815 1,815 1,815 1,815 1,815 1,800 1,815 1,815 1,800 1,815 1,815 1,800 1,815 1,815 1,800 1,815 1,800 1,815 1,815 1,800 1,815 1,800 1,815 1,815 1,800 1,815 1,815 1,815 1,815 1,800 1,815 1,815 1,815 1,815 1,800 1,815 1,
Sarlani Prod. MT	71,740 77,700 61,500 75,437 76,500 71,500 71,500 71,500 71,500 59,893 60,270 54,840 53,650 63,650 63,650 29,580	Sunsari Prod. NT 79, 173 79, 173 61, 200 87, 120 87, 120 98, 130 93, 130 93, 130 93, 130 91, 500 91, 500 76, 820
Area ha	42,200 42,200 42,200 42,200 42,500 33,45,500 42,500 33,500 33,500 33,500 42,500 33,500 33,500 42,500 33,500 30,	Area break b
Years	1970-71 1971-72 1971-72 1972-73 1975-74 1975-74 1978-79 1978-87 1981-82 1981-82 1981-82	Years Years 1970-71 1972-71 1975-77 1975-77 1975-77 1976-77 1978-78 1978-78 1978-78 1978-88 1978-88 1988-88

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Years	Area	ł	Yield/ha	Area	Prod. J	Yield/ha	Area	Prod.	Yield/ha	4	Prod.	X1eld/ha	Area		Yield/ha
					11	Y.	24	TI	ΧĽ.	er Er	112	KE	gu	121	ы Х
12-0721	3,300	1,815		4,100	2,460	600	5.700	3, 135	250	3.500	2.030		3,500	2,065	ð
97.1-72	3,600	2,005		4,500	2,565	570	6.500	3,705		000	2,360	•••	1,000	2,380	
1972-73	5,000	5,300		6,006	600.6	1.500	10,000	15,000		9,002	11.252		8 1 20	171 01	
12-2261	7.391	11.825		6.500	7,800	1.200	10.500	12,600				•	000		
974-75	8.100	12,960		6.575	8.153	1,240	13,000	16.900		12,000	12 600	•			
975-76	10.045	12,149		12.140	13, 839	1.140	15.875	10.100		700	10 001	•	200		
1976-77	10, 143	10.041	066	13,961	14.005	1 103	16.213	17.022	050	10 100	100.01			ο ο ο ο	
977-78	9,120	9.211		13,900	5.012	1,080	10 008			10 100					
978-79	0120	10 080		11 000	10.00								06.60	10146	
979-80	0110	11.530	1 260	11 100			18,000	20° 1000		11 250	1003 41	101			
980-81	10 840	12.160		12 FTO			010 11	2000 - 200 2000 - 200							56
081-80	12-600	ο ς α		2000 int											
	200.01				202.01	ה ה ק	10,426	1/ ,020		5.7.0	017.1		4, 030	3,380	ě.
201105	13,220	17,180		15,320	11,490	750	24,260	29,110	1,200	12,700	17,180		10,240	13,310	1,300
		Sunsart			Morang			Jhapa			Total			Saptari	
Years	Area	Prod. 1	Frod. Yield/ha	Area		Yield/ha	Area		Xield/ha	Area	Prod.	Averaze			•
	ha	ţ	kg	ha	¥	kg		W	kg Cult	tivated	ha MT	n ha			
1970-71	000 c	2 204		1000	007 0		000 0		510	000 fC	043 04.	i L			
									2	000	000.01				
2/-1.761	000.4	000 °n		5,700	3,990		000	2,800	- 700	37,300	22,805				
972-73.	3,600	479		4,500	5,801		3,200	3,925	1.227	7447.04	64 940				
973-74	4,000	4,200		5,000	5,250		1, 000	007 7	1.100	53, 391	62 075				
974-75	r, 300	855° #		5.500	5.885		4.855	5.340	1 100	64.882	76,948				
975-76	7.950	9 540		8.500	10.200		255	6 533	1.000	80.214	07 165				
976-77	8,745	8.307		9.200	9 163			6,107	1.027	66 112	86 002				
977-78	7.732	8,505	1_100	9.486	11,282		7.200	9105		27 116 27 116	05 650				
078-70				022.11											
979-80	8,000	9.600		12,500	000.01			600 600							
080-81	0 1 1 1 1 1 1 1	6 010 6						0 0 0 0 0 0 0 0							
1081-82		19 260							N+ V		000°CO1				
									202	221.01	010 0N				
201-05	10, 140	040462		13,310	23,960	-	7,820	10,950	1,400	113,010	152,230		:		

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Siraha Saptari Area Prod. Yield/ba Area Prod. Yield/ba ba MT kg ha MT kg		67 670 180	53 663 100	52 665 87	52 665 90	51 638 80	26 522 75	130 83 638 70 HS		1.000 50	80 800 80	80 800 80	20 30 1,500 60 50	Total	Area Prod. Average	d ha MT	1,381	1,402	1,290	1,645 1,293 786	1,275	1,028	954	850	730	960	1,420	1 600
Dhanusa Prod. Yield/ha MT kg								157 748						Jhapa	Yield/ba	MT KE CUIT:	177	772	769	165 775	177	768	767	177	833	1,000	800	800
1 Yield/ha Area kg ha	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	800	800	817	813	808	808	800	923	789	506	696	500 510		Yield/ha Area	- I	800	800	800	800 213	800	800	792	800	800	1,000	606	800
a Area Prod. ha MT								240 232					680 340	Morang	Area	- 1				200 160								
Sarlahi Prod. Yield/ha MT kg								120 800	7 -3					Sunsar1	Prod. Yield/ha	N: Kg	। 144 800			170 850					1	÷-		40 800
Years Area ha								1077-78 150					1982-83 300		Years Area		1970-71 180	-72		1973-74 200					- 1978-79	1979~80 120		1981-82 50

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ц.	Area Prod. ha MT	Y1eld/ha kg	Area ha	Prod. Mr	Yield/ha kg	Area ha	Prod. Mr	Yield/ha kg	Area ha	Prod.	Yield/ba kg	Area ha	Prod.	X1eld/ha kg
70-71	•	1.760	4.100	6.765		6.600	7.920	-			•	500	625	1.250
7:-72		-	<u>, </u>	6.724	-	6,500	7,800	-			•	450	:95	1,100
72-73	•		୍ମ	8 037	-	7.071	11,313	-				500	650	1,300
73-74			5	5,625	`	6,500	8,125	•-				600	720	1,200
74-75		•••		7,331	1,275	6,500	8,125	•-	2,500	2,950	1,100	700	479	1,391
75-76		-	റ	8,110	-	6,200	7,470	-			ę	700	760	1,086
76-77		e	ု၀	8,093	-	4,100	4,510	-			•	100	016	1,386
77-78		•-	្ហា	5,665	÷	3, 141	3,769	÷				360	867	1,383
78-79		•••	្រហ្	6,300	÷	3,140	1,400	-	1			1	•	•
79-80		•	<u> </u>	5,740	-	2,980	3,740	-	1,940	Ň		0017	550	1,375
80-81	•	•	5	7.520	-	3, 180	5,090		2,000	3,360		650	006	1,385
81-82	•	•-	5	7.570	-	3, 180	5.100	-		0	-	200	980	1, 400
1982-83 10,550	50 16,620	0 1,575		5,950	ີດ	3,790	6,830	-	1,570	്	•	450	550	1,223
	1			111111			- 1			4 - E				
	-			gueron			napa			TOLAL				
Years Area ha		Yleid/ha	Area 72	Prod.	Xicid/ha	Area Ta	Prod.	Yield/ba	Area tivated	Prod.	Average m/ha			•
							[-							
77		0 1,390	5	3,726	1,380	*	1,824	•	29,200	42,296	5 1,448			
22	ഗ്	-	പ്	3,064	÷-			•	28,775	Ŷ				
-73	່ທ	•	-	3,360	_			•	29,642					
1	ິທ	•	്	4 200	-				27,950		-			
75	ົທ		്	5,050	-				30,150	7	-			
76	न	.	്	4.620					30,730	റ്	-			
77	ហ	•••	. പ	8.940	-				33,082	-				
1977-78 4.344	6		5,620	8,430	È.	4,262		•	29,867	ີພ໌				
62.		1	°.	7,000	÷			-	24,740.	5	-			-
80.5	ج		7	8,100	-			Ξ.	30,270	~				
61 5	້ດ	•	<u>_</u>	9,540	-		•		33,880	ୁ	÷			
47 82 92	4	ŧ-	°,	14,460	-			-	35,750	ໝູ	÷			
:982-83 4,350	7	-	•	20,550	-	4,530	13,090	1,374	45,070	73,750	÷-			

MALZE PRODUCTION TREND BY DIFFERENT DISTRICTS IN THE STUDY AREA, 1970-83

TABLE 52

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Years	Area	Sarlahi Prod. 1	Yield/ha	Area	Mahottari Prod	L Yield/ha	Area	Prod.	Yield/ha	4	Straha Prod.	Yield/ha	Area	Saptari Prod	Yield/ha
	9	75	L E	19		ž	E II	TE I	ž	IIA	E	ČK.	2	111	2
17-076	1,050	577	550	1,100	935		2.000	1.600	800	1.150	1,380	1.200	1.500	1.200	800
971-72	1.050	577	550	.10	935		2,000	1.600	÷	1.150	1.380	-	1.500	1.200	800
00-00	000		022	020	090			600					002	000	008
											040				
												•) (n C	33
	040.1	2)	200	õ	020	-	225	1,540		001	675	-	800	200	050
975-76	1,050	260	562	1,000	1,020	-	1,920	1,550		1,250	026		820	88	1,122
976-77	800	077	550	ŵ	1,303		1,920	1,550		700	870	-	820	920	1,122
1977-78	715	615	860	1,425	1,450		2.734	2,526	:	1,140	1,044	916	1,200	1,000	833
978-79	680	570	838	ੜ	1.420	•-	2,730	2.530		•			•		1
979-80	650	050	538	1.500	1,800		2.730	2,530		2.140	1.420	643	870	720	828
280-81		020 1	20X	្រុង	1 260		0.4.0	074 0		000	001 6		870	004	202
) (()				
70-10/			ナ つ ル	Į.	000			220.12		2,400	51.5		0/0	0	107
382-83	3, 710	2,600	101	4,780	2,600		1, 150	800		2,000	2,090	-	200	029	156
		Sunsar1			Morang			Jhapa			Total				
Years	Area		X1eld/ha	Arca		Yield/ha	Area		Yield/ha	Area	Prod.	Average			
	ha	MT	kg.	ha		ke		Ļ	kg Cul	- 43	ha MT	m/ha			
2	i i						e e o			0 10 0					
1.1-2.1	000	222	200 .	202	0 2 2 2		000	1.05	1,000	0,000	202.				
171-72	8 9 9	530	1,060	700	738		850	106	1,060	8,850	7,861				
172-73	200	530	1,060	202	738		1.000	1.060	1.060	800,8	7.567				
1973-74	500	530	1.060	850	0 9.00		1,150	1.236	1.075	9.200	8.054				
074-75			1 060	000	000			1 026	440 4						
				> 0 > 1 N 0) () () ()										
	200) () (202) () () () () () () () () () () () () ()			0.040	0,424				
17-076	200	565	850	820	026		680	ដ ជាង ហ	002	7,970	7,142				
977-78	242	916	1,121	933 9	367		985	800	812	6*6*6	9,216				
978-79	Í	3	•	1.000	950		066	820	828	6.820	6.290				
1979-80	1.070	1.050	180	1.100	950	864	066	820	828	11.100	9.640	868			
280-81	•	•	683	1,000	010		040	840	808	10.950	10.230				
081-82	600	240	000	750	530			1 140	- 002 - 1	10.700	040.01				
080-82		C A U	000	004	070				000						
C>	222		200	2	212		222	NO1	1,555	>****	519				

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FOOD BALANCE ACCORDING TO GEOGRAPHICAL REGION 1981/1983 (2038/2039)

TABLE 54		FOOI	D BALANCE	ACCORDI	FOOD BALANCE ACCORDING TO GEOGRAPHICAL REGION	GRAPHIC	AL REGION		1981/1983 (2038/2039)	3/2039)	· · ·	· .
Regions	Rice	86	Maize	88	Wheat	1 7 7 7 8	Millet+Buckwheat %	5 6 7 8 7 7	Barley	ષ્ઠર	Total	86
<u>Highland</u> Product Necessary +1-	25,875 30,544 -4,669	-15.3	54,526 70,896 -16,370	-23.1	13,308 29,457 -16,149	-54 . 8	13,138 20,190 -7,052	-34 -34	7,102 9,020 -1,918	-21.3	113,949 160,107 -46,158	-28.8
Midland Product Neccessary +1-	285,041 349,114 -64,073	+18.4 18.4	404,299 442,660 -38,361	-8.7	142,103 101,978 +40,125	+39.3	15,484 93,328 -17,844	-19 -	7,749 13,926 -6,177	** 77-	114,676 1,001,006 -86,330	9 • 6 -
Terai Product Necessary +1-	1,012,861 716,216 +279,645	** - L **	182,471 198,947 -16,476	6 - 8 -	264,574 141,219 +123,355	+ 02 • t	15,497 20,037 -4,538	-22.6	4,563 10,092 -5,529	-54.8	1,479,968 1,086,511 1,393,457	+36.2
Nepal Product Neccessary +1-	1,323,777 1,095,874 +227,903	+20.8	641,296 712,503 -71,207	-10.0	419,985 272,654 +147,331	+54.0	104,121 133,555 -29,434	-22.0	19,414 33,038 -13,624	0 ° - 4 -	2,508,593 2,247,624 260,969	+11.6
Note: (+) ;	(+) Surplus product	luct										

(+) Surplus product(-) Less product

Department of Food and Agricultural Marketing Services, Agril. Statistic Division. Source :

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FOOD BALANCE ACCORDING TO DEVELOPMENT RECION 1981/1982 (2038/2039) уу TABLE

2,508,593 2,247,624 +260,969 908,744 778,279 +130,465 626,870 477,874 +148,996 309,499 333,516 -24,017 182,700 179,394 +3,309 480,780 478,561 +2,219 Total 1,333 3.314 -1,981 6,616 10,678 -4,062 3,743 6,132 -2,389 19,414 33,038 -13,624 3,095 7,657 4,562 4,627 5,257 -630 Wheat Millet+Buckwheat Barley 32,774 50,113 -17,339 9,260 8,186 +1,074 15,615 18,626 -3,011 104,121 133,555 -29,434 23,900 25,944 -2,044 22,572 30,686 -8,114 419,985 272,654 +147,331 69,777 49,076 +20,701 55,397 31,777 +23,620 165,984 102,700 +63,284 83,917 55,065 +28,852 44,910 34,036 10,874 216,802 251,393 -34,591 38,815 46,423 -7,608 641,296 712,503 -71,207 126,246 156,748 -30,502 157,697 135,560 +22,137 122,379 -20,643 101,736 Maize 1,323,777 1,095,87¤ +227,903 388,543 281,279 +107,264 498,759 388,243 +110,516 85,972 84,617 +1,355 234,748 208,978 +25,770 115,755 132,757 -17,002 Ríce Cent. West. Dev. Reg. Far West. Dev. Reg. Product Central Dev. Rec. Western Dev. Reg. Eastern Dev. Reg. Development Neccessary Region Necessary Necessary Necessary Necessary Necessary Nepal Product Product Product Product Product 1/4 1/+ | +

(+) Surplus product(-) Less product

Note

FOOD BALANCE ACCORDING TO STUDY ZONE 1981/1982 (2038/2039)

TABLE 56

			•			
schi zone		1	ļ			
Product	5	•	ίΩ.	6,541	5	46,49
Necessary	5	31,719	.98	6,340	1,110	8
-/+	.	· •	-245	+201	\mathbf{m}	2,60
Kosi zone	_	α c	č č		0011	0 2 2 0
rroace Nooocour		iα	1 - C - C		n c r o	
hecessary	1, 200 + 56, 541	1010101 10101	+18,621	> `	-776	
starmatha	n.) h		•		-
Product	ം	4	· •	7,588	729	ੜ ਅ
Necessarv	$\mathbf{\dot{o}}$		9.715	9.429	966	56,9
+/-	+35,747	-11,317	+4,244		-270	Ó
anakour	•					
Product	68,23	٢.	5	8,463	Ħ,	268,050
Necessary	ω	ര	σı	끝	1,057	ស្ថ័
-/+	S		ିତ	+323	38	+25,795
spal						
Product	1,323,777	, 1 8	98	04,12	9 بلي	508 <u>,</u> 5
Necessary	1,095,874	112,503	Q	ທຸ		2,247,62
+/-	+227,903	1,20	8	29,43	3,62	60,7

•

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SUMMARY ON THE CROP BUDGET PER HECTARE IN THE EASTERN PROJECT AREA

23

TABLE

1,034.93 25-31 562.16 238.09 4,747.00 2,277.80 39 45 Revenue 178.67 213-47 544.24 in ha Net Project Cropping Intensity 25-0 0- 76 35.0 ••• 0 8 15.0 14.0 ດ ທ °, 17.0° With 5,050.00 4;139.70 6,508.00 3,747.70 585.00 2,531.00 2,233.40 3,887.40 4,269.40 23,809.00 Revenue/ Net na Na Revenue 165.17 in ha 8.75 260.35 657.77 154 .77 339.81 97.20 9.42 150.49 301.68 58.12 157.32 Net Without Project Intensity Cropping ហ # 17-9 0.0 -0 56.1 3:7 1.7 6.8 10.7 4**.**6 6.2 ۶٩ 874_84 554.32 Revenue/ 3,670.46 3,674.46 1,345.40 2,840.36 2,892.78 2,858.86 2,213.16 2,819-48 1,263.46 2,537.56 Net ha d Improved Rainfed Paddy Irrig. Summer Faddy Local Rainfed Paddy Relayed Oilseeds Improved Wheat Rainfed Maize Winter Pulses Crops Summer Pulses Summer Maize Mixed Crop Sugarcane Oilseeds Potato Jute

TABLE 58 SUMMARY ON THE CROP BUDGET PER RECTARE IN THE WESTERN PROJECT AREA

	M	Without Project	ect		With Project	ject
S dor O	Net Revenue/ ha	Cropping Intensity	Net Revenue in ha	Net Revenue/ ha	d u w	Net Revenue in ha
Irrig. Summer Paddy	3,670.46	5 t	165.17	4,139-70	25.0	1,034-93
Improved Rainfed Paddy	3,674.46	17.9	657-77	5,050.00	97-0	4,898.50
Local Rainfed Paddy	1,345.40	56.1	154.77	1	ı	·
Improved Wheat	2,840.36	13-7	339.81	6,508.00	35.0	2,277.80
Sugarcane	874.84	1.0	8.75	2,531.00	1.0	25-31
Rainfed Maize	2,892.78	0.0	260.35	ı	E	I
Summer Maize	2,858.86	3.4	97 - 20	3,747.70	15.0	562.16
Winter Pulses	554.32	1-7	9-42	2,233.40	8.0	178.67
Oilseeds	2,213.16	6.8	150.49	3,887.40	0" 7 "	544.24
Relayed Oilseeds	2,819.48	10.7	301.68	I	i	I
Mixed Crop	1,263.46	9°7	58.12	I		ŀ
Tabacco	13,576.20	2.2	298.87	18,300.60	1.0	183.01
Potato	J	ı	ı	23,809-00	1.0	238.09
Summer Pulses	t	1	ı	585.00	19.0	111.15

		Withou	t Project	With	Project
Particular	Unit	Quantity	Value	Quantity	Value
			Rs		Rs
1. Variable Cost			· · · · · · · · · · · · · · · · · · ·		
Man Labor	M.D	122,0	976.00	163.0	1,304.00
Bullock Labour	A.M.D.	58.0	348.00	64.0	384.00
Seed	kg	5,000.0	250.00	5,000.0	250.00
Manure	kg	40.0	100,00	40.0	100.00
Fertilizer	kg	150.0	450.00	200.0	600.0
P.P. Aid	kg	-			150.00
Others		-	_		. '
2. Fixed Cost	K	6	127.44	10	278.80
Total Cost			2,251.44		3,066.80
3. Gross Revenue					
Main Product	kg	2,876	5,752.00	3,500	7,000.00
By-product	kg	1,699	169.90	2,065	2,065.0
4. Net Revenue			3,670.46		4,139.70

1) Crop: Irrigated Summer Paddy (Improved)

2) Cropping Intensity:

Without Project 4.5% With Project 25.0% (West, East areas)

TABLE 60 CROP BUDGET PER HECTA	IB
--------------------------------	----

			Without	t Project	With	Project
	Particular	Vnit	Quantity	Value	Quantity	Value
				Rs		Rs
1.	Variable Cost		······			
	Man Labor	M.D	123.0	984.00	113.0	1,384.00
	Bullock Labour	A.M.D.	56.0	336.00	66.0	396.00
	Seed	kg	40.0	100.00	40.0	100.00
	Manure	kg	5,000.0	250.00	5,000.0	250.00
	Fertilizer	kg	150.0	450.00	200.0	600.0
	P.P. Aid	kg	-	-		150.00
	Others	· · ·	-	-	i N	
2.	Fixed Cost	¥.	6	127.20	10	288.00
	Total Cost			2,247.20		3,168.00
3.	Gross Revenue					
	Main Product	kg	2,876	5,752.00	4,000	8,000.00
	By-product	kg	1,699	169.90	2,360	236.00
4.	Net Revenue			3,674.70		5,050.00

1) Crop: Rainfed/Irrigated Rainfed Paddy (Improved)

2) Cropping Intensity:

Without Project 17.9%

With Project; Western area 97% Eastern area 94%

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TABLE 61 CROP BUDGET PER HECTARE

		Withou	t Project	With P	roject
Particular	Unit	Quantity	Value	Quantity	Value
			Rs		Rs
1. Variable Cost	<u></u>				······
Man Labor	M.D	123.0	984.00	-	-
Bullock Labour	A.M.D.	56.0	336.00	-	-
Seed	kg	50.0	115.00	-	-
Manure	kg	1,000.0	50.00	-	-
Fertilizer	kg	75.0	225.00	-	_
P.P. Aid	kg	-	→		-
Others		-		-	-
?. Fixed Cost	¥.	6	102.60	-	_
Total Cost			1,812.60	-	-
3. Gross Revenue					
Main Product	kg	1,479	2,958.00		
By-product	kg	2,000	200.00	-	-
I. Nét Revénue			1,345.40	-	_

1) Crop: Rainfed Rainfed Paddy (Local)

2) Cropping Intensity:

Without Project 56.1% With Project 25.0% (West, East areas)

TABLE 62 CROP BUDGET PER HECTARE

•					
		Without	. Project	With	Project
Particular	Unit	Quantity	Value	Quantity	Value
			Rs		Rs
4				<u></u>	
1. Variable Cost					
Man Labor	M.D	92.0	736.00	149.0	1,192.00
Bullock Labour	A.M.D.	58.0	348.00	64.0	384.00
Seed	kg	160.0	480.00	70.0	210.00
Manure	kg	2,500.0	125.00	5,000.0	250.00
Fertilizer	kg	80.0	240.00	150.0	450.00
P.P. Aid	kg	-	-		150.00
Others			· · · <u>-</u>	-	-
			* .		
2. Fixed Cost	¥.	6	115.74	10	263.60
Total Cost	·		2,044.74		2,899.60
3. Gross Revenue					
Main Product	kg	1,443	4,329.00	3,000	9,000.00
By-product	kg	1,961	196.10	4,076	407.60
4. Net Revenue			2,480.36		6,508.00

1) Crop: Wheat (Improved)

2) Cropping Intensity:

Without Project 4.5% With Project 25.0% (West, East areas)

			174 6 5 4 1 1		With 1	Project
	Particular	Unit	Quantity	t Project Value	Quantity	Value
	rarticular	ourc	Quantity	Rs	Quantry	Rs
					<u>م بالا من من الم من</u>	
1.	Variable Cost					۰.
	Man Labor	M.D	220.0	1,760.00	249.0	1,992.00
	Bullock Labour	A.M.D.	102.0	612.00	116.0	696.0
	Seed	kg	2,000.0	1,650.00	2,000.0	1,650.00
	Manure	kg	5,000.0	250.00	5,000.0	250.00
	Fertilizer	kg	300.0	900.00	450.0	1,350.00
	P.P. Aid	kg	-	· 		100.00
	Others		-	. 	~	
				1		
2.	Fixed Cost	%	6	332.04	10	603.80
	Total Cost			5,866.04		6,641.80
3.	Gross Revenue					
	Main Product	kg	22,046	6,172.88	30,000.0	8,400.00
	By-product	kg	·	568.00		773.00
4.	Net Revenue			874.84		2,531.20

1) Crop: Sugar Cane

2) Cropping Intensity:

Without Project 1% With Project 1% (West, East areas)

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			Without	Project	With P	roject
	Particular	Unit	Quantity	Value	Quantity	Value
				Rs		Rs
l. [Variable Cost	······································	<u> </u>			
	Man Labor	M.D	110.0	880.00	-	-
	Bullock Labour	A.M.D.	72.0	432.00		-
į	Seed	kg	15.0	45.00	-	-
1	Manure	kg	600.0	30.00	-	-
	Fertilizer	kg	-	-	-	-
	P.P. Aid	kg	-	-		-
	Others		-	-	· •	-
·	· · · · · ·					
•	Fixed Cost	¥,	6	83.22	-	-
1	Total Cost			1,470.22	· -	-
}. ⁻	Gross Revenue					
i	Main Product	kg	1,411.0	4,233.00	-	→
	By-product	kg		130.00	-	-
1. 1	Net Revenue			2,892.78	-	

TABLE64CROPBUDGETPBRIIBCTARE

1) Crop: Rainfed Maize

2) Cropping Intensity:

Without Project 9% With Project 0% (West, East areas)

TABLE 65 CROP BUDGET PER HECTARE

		Without Project		With Project	
Particular	Unit	Quantity	Value	Quantity	Value
			Rs		Rs
1. Variable Cost					
Man Labor	M.D	114.0	912.00	128.0	1,024.00
Bullock Labour	A.M.D.	72.0	432.00	74.0	444.00
Seed	kg	15.0	45.00	15.0	45.00
Manure	kg	600.0	30.00	2,000.0	100.00
Fertilizer	kg	-	-	150.0	450.00
P.P. Aid	kg	-			. –
Others		-	-	<u>.</u>	· _
2. Fixed Cost	\$	6	85.14	10	221.30
Total Cost	·		1,504.14		2,434.30
3. Gross Revenue					
Main Product	kg	1,411	4,233.00	2,000	6,000.00
By-product	kg		130.00		182.00
4. Net Revenue			2,858.86		3,747.70

1) Crop: Summer Maize (Improved)

2) Cropping Intensity:

Without Project 3.4% With Project 15% (West, East areas)

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TABLE 66 CROP BUDGET PER HECTARE

			Without Project		With Project	
	Particular	Unit	Quantity	Value	Quantity	Value
		· · ·		Rs		Ŕs
1.	Variable Cost					
••	Man Labor	M.D	207.0	1,656.00	263.0	2,104.00
	Bullock Labour	A.M.D.	88.0	528.00	92.0	552.00
	Seed	kg	6.0	90.00	6.0	90.00
	Manure	kg	1,000.0	200.00	2,000.0	100.00
	Fertilizer	kg	50.0	150.00	150.0	450.00
	P.P. Aid	kg	. _	-		50.00
	Others		-	-	-	-
			*			
2.	Fixed Cost	\$	6	157.44	10	334.60
	Total Cost			2,781.44		3,680.60
3.	Gross Revenue	· .				
	Main Product	kg	1,673	5,019.00		7,500.00
	By-product	kg		300.00		450.00
4.	Net Revenue			2,537.56		4,269.40

1) Crop: Jute

2) Cropping Intensity:

Without Project 6.2% With Project 5% (Eastern area only)

. .

TABLE 67 CROP BUDGET PER HECTARE

			Without	t Project	With Project	
	Particular	Unit	Quantity	Value	Quantity	Value
				Rs		Rs
	· · ·		are are are			
1.	Variable Cost					
	Man Labor	M.D	51.0	408.00	76.0	608.00
· .	Bullock Labour	A.M.D.	50.0	300.00	58.0	348.00
	Seed	kg	60.0	420.00	60.0	420.00
	Manure	kg		-	1,000.0	50.00
	Fertilizer	kg	-	-	50.0	150.00
	P.P. Aid	kg	-	-		30.00
	Others		-	-	:	
~	Rama Oral	đ	6	67.68	10	160.60
2.	Fixed Cost	K	0		10	
	Total Cost			1,195.68		1,766.60
3.	Gross Revenue					
	Main Product	kg	350	1,750.00	800	4,000.00
	By-product	kg	-	-	-	-
4.	Net Revenue			554.32		2,233.40

1) Crop: Winter Pulses

2) Cropping Intensity:

Without Project 1.7% With Project 8% (West, East areas)

TABLE68CROPBUDGETPERIECTARE

			Without Project		With Project	
	Particular	Unit	Quantity	Value	Quantity	Value
				Rs		Rs
1	Variable Cost	<u></u>		*** *** ******		
	Man Labor	M.D	52.0	416.00	61.0	488.00
	Bullock Labour	A.M.D.	56.0	336.00	54.0	324.00
	Seed	kg	21.0	168.00	20.0	160.00
	Manure	kg	5,000.0	250.00	5,000.0	250.00
	Fertilizer	kg	-	_	50.0	150.00
	P.P. Aid	kg		40.00		40.00
	Others		-	54.00	:	54.00
2.	Fixed Cost	Ŗ	6	75.84	10	146.60
	Total Cost			1,339.84		1,612.60
3.	Gross Revenue					
	Main Product	kg	646	3,553.00	1,000	5,500
	By-product	kg				
1.	Net Revenue			2,213.16		3,887.40

Without Project 6.8%

With Project; Western area 14% Eastern area 15%

			Without	Without Project		roject
	Particular	Unit	Quantity	Value	Quantity	Value
				Rs		Rs
1.	Variable Cost					
	Man Labor	M.D	23.0	184.00	-	-
	Bullock Labour	A.M.D.	4.0	24.00		
	Seed	kg	30.0	90.00		-
	Manure	kg	-		-	-
	Fertilizer	kg	100.0	300.00	-	-
	P.P. Aid	kg		40.00	~ .	_
	Others	5		54.00	-	_
2.	Fixed Cost	隽	6	41.52	_	-
	Total Cost			733.52		-
3.	Gross Revenue					
	Main Product	kg	646	3,553.00	-	-
	By-product	kg				
ł .	Net Revenue			2,819.48	-	-

TABLE 69 CROP BUDGET PER HECTARE

1) Crop: Relayed Oilseeds

2) Cropping Intensity:

Without Project 10.7% With Project 0% (West, East areas)

	·	· · ·	<u> </u>		
	Without Project			With Project	
Particular	Unit	Quantity	Value	Quantity	Value
			Rs		Rs
1. Variable Cost					
Man Labor	M.D	43.0	344.00	_	_
Bullock Labour	A.M.D.	4.0	24.00		_
Seed	kg	13.0	91.00	· _	-
Manure	kg	• -	-	-	-
Fertilizer	kg	-	-		-
P.P. Aid	kg	-	-	-	-
Others		-	 .	-	· _
					:
2. Fixed Cost	К	6	27.54	-	-
Total Cost			486.54	-	-
3. Gross Revenue					
Main Product	kg	350	1,750.00	-	_
By-product	kg				
4. Net Revenue			1,263.46	_	***

TABLE 70 CROP BUDGET PER HECTARE

1) Crop: Mixed Crop (Pulses)

2) Cropping Intensity:

Without Project 4.6% With Project 0% (West, East areas)

TABLE 71

~~~			Withou	t Project	With	Project
	Particular	Unit	Quantity	Value	Quantity	Value
				Rs		Rs
		- -				
۱.	Variable Cost				н	
	Man Labor	M.D	115.0	920.00	124.0	992.0
	Bullock Labour	A.M.D.	50.0	300.00	52.0	312.00
	Seed	kg	2,5	200.00	2.5	200.00
	Manure	kg	5,000.0	250.00	5,000.0	250.00
	Fertilizer	kg	100.0	300.00	150.0	450.00
	P.P. Aid	kg	-	100.00		150.00
	Others			60,00		100.00
						ala bi
•	Fixed Cost	<b>X</b>	6	127.80		245.40
	Total Cost			2,257.80		2,699.40
	Gross Revenue			· .		
	Main Product	kg	754	15,834.00	1,000	21,000
	By-product	kg				
١.	Net Revenue			13,576.20		18,300.6

1) Crop: Tabacco

2) Cropping Intensity:

Without Project 2.2% With Project 1% (West area only)

		Without Project		With Project	
Particular	Unit	Quantity	Value	Quantity	Value
			Rs		Rs
I. Variable Cost	. <u> </u>	<u>, , , , , , , , , , , , , , , , , , , </u>			. <u></u>
Man Labor	M.D	-	-	230.0	1,840.00
Bullock Labour	A.M.D.	-	-	98.0	588.00
Seed	kg	-		800.0	2,000.00
Manure	kg	-	-	6,000.0	300.00
Fertilizer	kg	-		200.0	600.00
P.P. Aid	kg		~ .		150.00
Others	•	-	- -		150.00
2. Fixed Cost	ş	-	~	10	562.80
Total Cost					6,190.8
3. Gross Revenue					
Main Product	kg	-	-	15,000	30,000
By-product	kg	-	<u>من</u>		
4. Net Revenue		-	-		23,809.20

1) Crop: Potato

2) Cropping Intensity:

Without Project 0% With Project 1% (West, East areas)

## TBALE 73

CROP BUDGET PER HECTARE

		Without Project		With Project		
Particular	Unit	Quantity	Value	Quantity	Value	
			Rs		Rs	
1. Variable Cost	·					
Man Labor	M.D	_	. <b>-</b>	94.0	752.00	
Bullock Labour	A.M.D.		-	58.0	348.00	
Seed	kg	-	-	50.0	350.00	
Manure	kg	-		1,000.0	50.00	
Fertilizer	kg	-	-	50.0	150.00	
P.P. Aid	kg	-	· _			
Others		d − 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-			
2. Fixed Cost	<b>%</b>	-	-	10	165.00	
Total Cost		-			1,815.00	
3. Gross Revenue						
Main Product	kg	-	-	800	2,400.00	
By-product	kg	-	-		-	
1. Net Revenue		-	_		585.00	

1) Crop: Summer Pulses

2) Cropping Intensity:

Without Project 0%

With Project; West area 19% East area 17%

