

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

ROYAL INSTITUTE OF TECHNOLOGY
MINISTRY OF AGRICULTURE AND COOPERATIVES
THE KINGDOM OF THAILAND

THE STUDY

THE KOK-ING-NAN WATER DIVERSION PROJECT

THE KINGDOM OF THAILAND

SUPPORTING REPORT

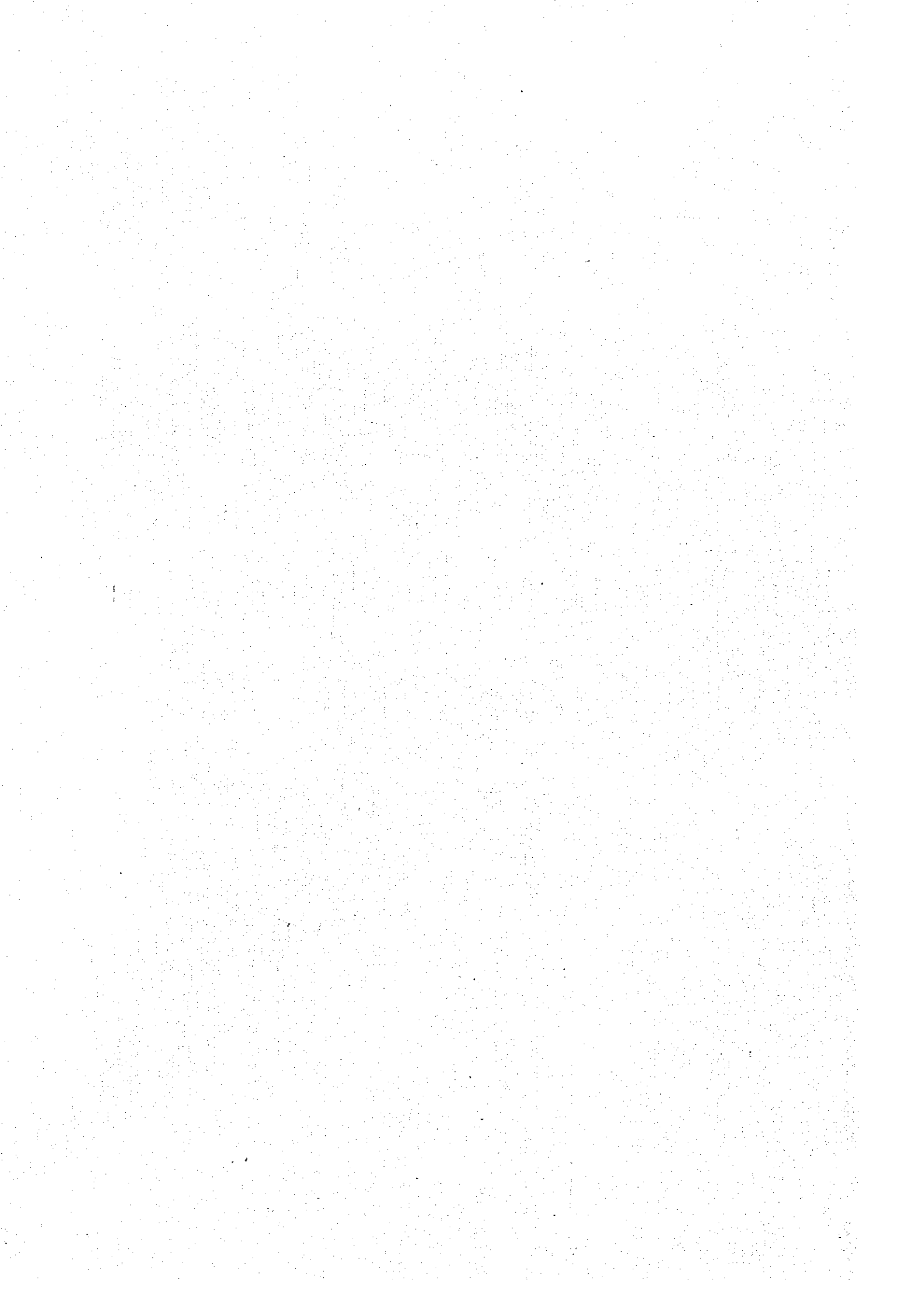
(Conceptual Planning Study)

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ROYAL IRRIGATION DEPARTMENT
MINISTRY OF AGRICULTURE AND COOPERATIVES
THE KINGDOM OF THAILAND

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ON
THE KOK-ING-NAN WATER DIVERSION PROJECT
IN
THE KINGDOM OF THAILAND

SUPPORTING REPORT

(Conceptual Planning Study)

MARCH 1997

SANYU CONSULTANTS INC.
NIPPON KOEI CO., LTD.



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**The Kok-Ing-Nan Water Diversion Project
Supporting Report for Conceptual Planning**

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2.1 River Basins Related to the Project

The back-up data for this paragraph contains salient features of the following rivers;

- Kok river
- Ing river
- Nan river
- Chao Phraya river
- Mekong river

Salient Feature of Rivers

(1) Kok River

- Drainage area

The Kok River is one of the tributaries of the Mekong River. The Kok River originates from mountainous area in Myanmar flowing into Thailand northwest of Ban Tha Ton, Amphoe Mae Ai, Changwat Chiang Rai. The total drainage area of the Kok River is about 10,875 km² of which 2,980 km² (27.4 %) is situated in Myanmar.

- Elevation

The Kok River flows high mountainous area in Myanmar where elevation varies from a maximum of about 2,000 m.MSL. to a minimum of about 470 m.MSL. at the Thai border. The river flows in a southerly direction into Thailand at the Northwest in the area of Ban Tha Ton and then takes southeasterly direction through the deep valley. From the valley, the river flows suddenly down into the wide flood plain of the area (380 to 420 m.MSL) of Amphoe Muang, Changwat Chiang Rai. The river then flows northeastward through the flood plain (360 to 380 m.MSL.) of Amphoe Chiang Saen before flowing into the Mekong River at Ban Sop Kok.

- Sub-basins

The Kok River basin is mainly composed of three sub-basins, namely, Kok, Lao and Fang River. However, the Kok River can be divided into the following five sub-basins for

the purpose of water resources development:

Name of Sub-Basin	Catchment Area (km ²)
Mae Kok (in Myanmar)	2,980
Mae Fang (joining to Lower Kok)	2,160
Mae Lao (flowing into Lower Kok)	3,105
Mae Suai (flowing into Lao)	470
Lower Mae Kok (after Myanmar)	2,160
Total	10,875

Sub-basins of the Kok River are shown in the Database Map.

The relationship with the adjacent areas in terms of river basin and province is summarized below.

Direction	Country	River Basin	Changwat (Province)
North	Myanmar	Mae Chan and Mekong	Chiang Rai
South	-	Ping, Wang and Ing	Chiang Mai, Lampang and Phayao
East	-	Ing and Wang	Chiang Rai, Phayao and Lampang
West	Myanmar	Ping	Chiang Mai

- **Wetland**

The types of wetland observed in the study area are based on the following categories:

- 1) rivers, streams - slow flowing (lower perennial)
- 2) riverine marshes
- 3) freshwater lakes and associated marshes
- 4) freshwater ponds, marshes, swamps
- 5) seasonally flooded grassland
- 6) rice paddies

Typical wetlands in the Kok River basin are observed at the following locations :

- 1) Nong Wiang River basin, Chiang Saen and Mae Chan Districts, Chiang Rai Province, and upstream along the Kok River for about 15 km from the Mekong River (types of wetland : 1, 2, 3, 4, 5, 6)

2) Tha Ton Marsh, a marshy basin lying upstream of the confluence of the Kok and Fang Rivers (types of wetland : 1, 2, 4, 5)

3) Nong Luang, a complex of small pools, reed-beds and rice paddies along the Hua Luang and Nam Mae Sakun, tributaries of the Kok River, located 17 km southeast of Chiang Rai town (types of wetland : 1, 2, 4, 5, 6)

- **River length**

The Kok River has a total length of about 285 km of which 157 km is in Thailand.

- **River slope**

From Ban Tha Ton to Amphoe Muang Chiang Rai, the Kok River flows with its relatively steep slope of 1:1,000 across small rapids along the river course. From Amphoe Muang Chiang Rai to Ban Sop Kok, the river flows with flatter slope of 1:1,500. The flow velocity decreases rapidly when it flows out into the flood plain in the area of Amphoe Muang Chiang Rai.

The Kok River is affected by the water level fluctuation in the Mekong River at Ban Sop Kok. The river length affected by the backwater from the river mouth is about 40 km.

The profile of the Kok River within Thailand is shown in the Database Map.

- **Meandering**

The sinuous trace of a stream channel, a meandering stream, is developed in cohesive flood plain alluvium commonly observed in the Kok River basin.

The amplitude of the meanders or width of the meander belt varies considerably from about 1 km in the Fang, Lao and middle reach of the Kok River to 2-3 km in the lower reach of the Kok River basin.

(2) Ing River

- Drainage area

The Ing River is also one of the tributaries of the Mekong River, rising in the ranges to the North of Changwat Phayao. The catchment area of the Ing River basin is about 7,000 km².

- Elevation

The Ing River flows from the north of Changwat Phayao (about 550 m, MSL at the divide point) and flows in a southerly direction into the Phayao Lake (about 390 m, MSL) to combine with the Puang River (about 375 m, MSL) before flowing in an easterly direction through a range of hills that dissects the catchment in a north-south direction. After passing through this range, it flows northeasterly direction for some 30 km to the confluence with the Lao River at Amphoe Thoeng (about 360 m, MSL). The river flows northerly direction into the Mekong River (about 340 m, MSL) at Ban Sop Ing, Amphoe Chiang Khong, Changwat Chiang Rai.

- Sub-basins

The basin is mainly composed of two sub-basins, namely, Ing and Lao River. However, the Ing River basin can be divided into the following five sub-basins for the purpose of water resources development :

Name of Sub-Basin	Catchment Area (km ²)
Upper Mae Ing	1,100
Middle Mae Ing	2,210
Nam Phung	1,130
Mae Lao	1,260
Lower Mae Ing	1,420
Total	7,120

Sub-basins of the Ing River are shown in the Database Map.

The relationship with the adjacent areas in terms of river basin and province is

summarized below.

Direction	Country	River Basin	Changwat (Province)
North	Lao PDR	Mekong	Chiang Rai
South	-	Wang and Yom	Lampang and Phrae
East	-	Nan and Yom	Nan and Phrae
West	-	Mae Kok and Wang	Chiang Rai and Lampang

- **Wetland**

Typical wetlands in the Ing River basin were observed at the following locations :

- 1) Nong Hang, a complex of three small pools on the Nam Mae Hang waterway, which drain into the Phung River (type of wetland : 4)
- 2) Nong Leng Sai, an extensive marsh lying on a tributary of the Ing upstream of the Phayao Lake (type of wetland : 4)
- 3) Phayao Lake, a large permanent freshwater lake (types of wetland : 3, 6)

- **River length**

The Ing River has the total length of about 300 km with its flatter slope than that of the Kok River.

- **River slope**

From the upper river basin, the river flows with its slope of 1:2,000 into the Phayao Lake and the slope changes to be 1:4,000 when it flows from the Phayao Lake to the flood plain area of Amphoe Thoeng and then the slope changes to be 1:7,000 to the Mekong River at Ban Sop Ing.

The river profile of the Ing River is shown in the Database Map.

- Meandering

The width of the meander belt varies from about 0.5-1 km in the upper reach of the Ing River to 1-2 km in the lower reach of the Ing River basin.

(3) Nan River

- Drainage area

The Nan River is a main tributary of the Chao Phraya River, rising in the ranges to the North of Changwat Nan. The Nan River flows southerly direction into the Sirikit reservoir, Changwat Uttaradit. The stored water in the reservoir is released into the Nan River downstream, flowing into the Chao Phraya River at Changwat Nakhon Sawan. The catchment area of the Nan River basin is about 34,340 km² of which 13,000 km² (38.3 %) is at the Sirikit reservoir (Upper Nan river basin).

- Elevation

The Nan River flows from the high mountainous area (about 2,000 m, MSL at divide) in the North of Changwat Nan. The river flows southerly direction through the area of Changwat Nan that is a flood plain (about 180 to 220 m,MSL) and then flows through the deep valley into the Sirikit reservoir (about 80 m, MSL). The river flows into the wide flat flood plain in the areas of Changwat Uttaradit (about 60 m, MSL), Phichit (about 35 m, MSL) and Nakhon Sawan (about 25 m, MSL) before flowing into the Chao Phraya River at Changwat Nakhon Sawan.

- Sub-basins

The basin is mainly composed of eleven sub-basins, namely, the Upper Nan, the Lower Nan, Huai Nam Yao, Nam Wa, Nam Samun, Nam Haeng, Nam Pat, Nam Phak, Khlong Tron, Khwae Noi and Wang Thong River. However, the Nan River was divided into the following fifteen sub-basins for the purpose of water resources development :

Upper Nan River Basin

Name of Sub-Basin	Catchment Area (km ²)
Upper part of Nan	2,220
Huai Nam Yao	640
Nam Wa	2,180
Second part of Nan	1,570
Nam Yao	600
Nam Samun	1,350
Nam Haeng	1,050
Third part of Nan	3,370
Sub-Total	12,980

Lower Nan River Basin

Name of Sub-Basin	Catchment Area (km ²)
Nam Pat	1,960
Fourth part of Nan	3,230
Nam Phak	1,000
Khlung Tron	1,270
Nam Khwae Noi	4,680
Nam Wang Thong	2,300
Lower part of Nan	6,920
Sub-Total	21,360

Sub-basins of the Nan River are shown in the Database Map.

The relationship with the adjacent areas in terms of river basin and province is summarized below.

Direction	Country	River Basin	Changwat (Province)
North	Lao PDR	Mekong	Nan
South	-	Chao Phraya	Nakhon Sawan
East	Lao PDR	Mekong and Pasak	Nan, Uttaradit and Loei
West	-	Ing and Yom	Phayao and Phrae

Wetland

Typical wetland is not observed in the Nan River basin.

- River length

The Nan River has the total length of about 770 km.

- River slope

From the upper basin in the area of Amphoe Chiang Klang, the Nan River flows with its steep slope of 1:1,480 and the slope changes to be 1:3,500 when it flows into the flood plain of Amphoe Muang and Amphoe Wiang Sa, Changwat Nan. The Nan River flows with its steep slope of 1:2,000 through the deep valley before discharging into the Sirikit reservoir. From the Sirikit reservoir, the Nan River flows with its flatter slope of 1:13,600 through the flat flood plain along the river course before flowing into the Chao Phraya River.

The profile of the Nan River is shown in the Database Map.

- Meandering

The width of the meander belt varies from about 1-2 km in the flood plain areas in the upper reach of the Nan River to 2-2.5 km in the lower reach of the Nan River basin.

(4) Chao Phraya River (Lower Nan, Yom and Wang & Ping)

Chao Phraya River flows in the marshy alluvial plain areas in Central Thailand. The river length is about 980 km, having a catchment area of about 157,925 km², about one-third of the area of the whole country. The maximum flood peak was estimated to be 5,400 m³/s. The river basin is composed of eight main sub-basins, namely, Ping, Wang, Yom, Nan, Pasak, Sakae Krung, Tha Chin and Phraya.

Four major tributaries, such as Ping, Wang, Yom and Nan Rivers, which rise in the inland and highland areas in the northern Thailand, converge into Chao Phraya River at a confluence point of Nakhon Sawan. At Chainat, downstream of Nakhon Sawan, it splits into Chao Phraya River as a main stream and branch river named Tha Chin River.

Chao Phraya River passes southerly to Ayutthaya where Pasak River joins with Chao

Phraya, and flows into the Gulf of Thailand, south of Bangkok.

Chao Phraya River is defined as the largest and longest river basin in the country, however, it is not an international river basin like the Mekong River. From the source of river to the river mouth, Chao Phraya River flows within the territory of the Kingdom of Thailand.

(5) Mekong River

Mekong River originates from the eastern part of Tibetan Highland in China, passing through the Indochina Mountains and the area between the Annam Mountains along the Laos-Vietnam border and Khorat Highland in Thailand, then drains into the South China Sea after passing the Cambodian plain and the Mekong Delta.

From the viewpoint of Fluvial Geography, Mekong River is divided into three parts:-

- Upper Reach of Mekong River
- Middle Reach of Mekong River
- Lower Reach of Mekong River

From the uppermost Mekong River to Pa Mong Gorge located just upstream of Vientiane City, capital of Laos, can be defined to be the Upper Reach.

From Pa Mong Gorge to the Khone Fall located upstream near the border to Cambodia is the Middle Reach, and from Khone to the river mouth is the Lower Reach.

The river bed elevation at the border of China, Myanmar and Laos is 490 m. The river slope from this point to Pa Mong Gorge in Laos is only 0.27/1,000. The catchment area of the Mekong River at Chiang Saen just upstream of the river mouth of the Kok River is about 189,000 km².



2.2 Meteorological Conditions

Rainfall records of representative gauging stations in the Kok, Ing and Nan river basins are collected from the Hydrology Division of RID as listed below;

Summary of Rainfall Records

Station Name	Station Code	Mean Rainfall (mm)			Maximum (mm)	Minimum (mm)
		Wet Season	Dry Season	Total		
Kok, A. Fang	307102	1,043	277	1,320	1,968	832
Kok, A. Chiang Rai	308013	1,366	348	1,714	2,184	1,005
Kok, A. Mae Chan	308062	1,538	382	1,920	3,314	1,100
Kok, A. Chiang Saen	308112	1,294	336	1,630	2,383	1,057
Ing, A. M. Phayao	73013	702	235	937	1,600	395
Ing, A. Thoeng	308042	1,195	326	1,521	2,144	610
Ing, A. Chiang Kham	73022	1,042	312	1,354	2,004	466
Nan, A. M. Nan	28013	889	308	1,197	1,511	755
Nan, A. M. Uttaradit	70013	1,072	324	1,396	2,064	1,050
Nan, A. M. Phitsanulok	39013	1,027	295	1,322	1,813	919
Nan, A. M. Phichit	38012	1,085	259	1,344	2,428	736
Nan, A. M. Phetchabun	36013	811	285	1,096	1,709	731
Nan, Nakhon Sawan	26013	823	258	1,081	1,577	598

Monthly rainfall records of above stations for the period from 1952 to 1994 are given in the following tables;

STATION = A. Fang
 CODE NO = 307102

MONTHLY RAINFALL (RAW DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	.0	103.8	198.8	224.9	389.0	147.1	50.1	8.4	.0	44.0	15.4	.0	1181.5
1953	.0	194.9	277.2	217.0	288.6	207.6	88.7	20.1	5.9	.0	4.3	94.7	1399.0
1954	57.9	350.9	183.6	140.2	302.1	165.2	102.5	41.4	.0	.0	.0	.0	1343.8
1955	64.0	219.2	232.1	154.6	467.0	222.8	144.3	51.9	.0	.0	35.2	.0	1591.1
1956	.0	242.8	35.8	305.3	378.6	413.0	88.4	.0	14.4	.0	.0	.0	1478.3
1957	76.7	143.8	414.6	268.8	339.2	216.5	130.5	12.3	.0	.0	.0	.0	1602.4
1958	45.9	87.1	161.3	220.9	174.6	173.9	25.6	29.7	.0	.0	.0	24.6	943.6
1959	53.7	109.6	154.9	275.5	406.3	299.6	14.6	.0	18.2	88.2	.0	.0	1420.6
1960	.0	187.7	61.9	184.5	216.1	147.9	68.4	63.4	27.5	.0	.0	54.1	1011.5
1961	33.8	180.9	161.9	83.0	281.2	276.1	117.3	1.2	29.5	.0	17.5	5.2	1187.6
1962	121.5	72.8	71.0	201.6	351.3	230.7	217.1	.0	.0	.0	.0	.0	1266.0
1963	25.4	60.4	169.7	144.9	328.0	180.0	326.3	124.0	.0	.0	.0	4.0	1362.7
1964	35.4	120.3	70.9	276.6	170.8	82.6	62.3	12.7	.0	.0	.0	.0	831.6
1965	.0	*****	164.0	271.8	248.9	151.4	235.2	36.1	99.1	.0	.0	.0	*****
1966	76.8	178.1	180.8	183.2	318.8	199.9	120.2	26.6	.0	32.6	.0	21.4	1338.4
1967	68.8	139.9	156.5	244.4	245.2	242.7	55.4	97.3	12.4	27.0	.0	.0	1289.6
1968	122.5	161.7	238.0	201.0	247.6	229.1	109.6	.0	.0	.0	.0	.0	1309.5
1969	9.7	211.7	125.5	194.9	197.0	19.4	72.6	.0	.0	.0	.0	89.5	920.3
1970	62.8	278.5	300.8	202.2	355.3	289.7	.0	36.0	80.7	.0	.0	5.2	1611.2
1971	118.0	185.5	295.6	285.7	360.4	316.9	185.7	.0	49.4	.0	.0	.0	1797.2
1972	54.9	70.1	161.8	124.8	322.2	186.5	102.9	176.4	52.1	.0	.0	43.7	1295.4
1973	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1974	*****	*****	*****	123.6	228.7	215.2	115.7	38.9	2.1	79.0	.0	10.2	*****
1975	40.0	141.3	220.6	194.9	239.3	293.6	83.8	16.5	41.2	3.5	.0	10.6	1285.3
1976	49.5	150.6	212.8	198.4	152.3	329.9	124.2	39.6	1.2	11.3	6.1	38.5	1314.4
1977	72.1	184.7	26.5	247.9	254.6	258.3	279.4	21.2	39.8	42.3	57.5	.0	1484.3
1978	18.0	257.4	211.9	330.3	173.5	173.7	154.9	28.5	.0	.0	.0	7.5	1355.7
1979	34.6	212.3	140.8	199.7	155.0	168.3	78.7	.0	.0	.0	.0	12.5	1001.9
1980	25.3	148.7	277.1	207.3	214.3	275.4	98.8	37.3	76.9	11.2	4.7	.0	1377.0
1981	46.8	236.6	148.3	405.1	225.3	124.1	74.7	114.6	15.9	.0	.0	.0	1391.4
1982	89.0	143.4	201.2	198.1	235.9	276.1	70.6	25.6	.0	12.5	.0	.0	1252.4
1983	9.4	122.6	185.9	372.9	275.3	149.3	297.4	148.7	19.5	.0	7.6	.0	1588.6
1984	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1985	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1986	139.0	194.0	117.2	185.1	149.0	233.9	66.6	41.3	119.7	1.6	.0	4.8	1252.2
1987	52.5	81.2	132.5	92.4	336.1	223.0	74.9	99.6	.0	.0	11.1	.0	1103.3
1988	173.6	249.2	304.4	384.1	163.8	131.2	123.1	59.5	.0	12.0	.0	8.0	1608.9
1989	9.7	149.5	157.9	243.3	221.0	151.4	106.7	20.6	.0	.0	30.2	16.6	1106.9
1990	59.4	268.6	149.9	225.3	113.4	101.4	183.0	13.6	.0	.0	.0	13.7	1128.3
1991	110.3	146.0	129.1	171.4	355.3	216.4	47.6	41.7	15.2	.0	38.1	.0	1271.1
1992	21.5	42.7	120.0	272.6	162.4	191.9	148.1	62.8	72.9	.0	.0	29.7	1124.6
1993	111.0	240.6	131.6	155.3	117.5	340.7	154.4	.0	.0	.0	.0	122.8	1373.9
1994	46.7	293.9	298.8	265.3	600.0	242.0	173.8	42.6	4.4	.0	.0	.0	1967.5
TOTAL	2136.2	6563.0	6983.2	8878.8	10760.9	8494.4	4774.1	1590.1	798.0	365.2	227.7	617.3	50169.0
MEAN	54.8	172.7	179.1	222.0	269.0	212.4	119.4	39.8	20.0	9.1	5.7	15.4	1320.2
MAX.	173.6	350.9	414.6	405.1	600.0	413.0	326.3	176.4	119.7	88.2	57.5	122.8	1967.5
MIN.	.0	42.7	26.5	83.0	113.4	19.4	.0	.0	.0	.0	.0	.0	831.6
RATE	4.1	13.1	13.6	16.8	20.4	16.1	9.0	3.0	1.5	.7	.4	1.2	100.0

Output from Rtableorg.for File Name = Rtableorg.out

STATION = A. Muang Chiang Rai
 CODE NO = 308013

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	54.4	74.6	212.1	159.5	277.1	208.4	10.3	.0	.0	2.2	6.7	.0	1005.3
1953	199.5	228.2	286.9	324.5	436.1	163.9	115.5	14.5	11.3	.0	27.8	53.5	1861.7
1954	165.4	346.7	192.6	135.1	321.6	250.5	159.6	2.1	7.1	.0	3.5	46.0	1630.2
1955	48.1	305.3	363.2	301.5	707.4	118.4	69.5	15.3	.0	3.4	17.0	12.4	1961.5
1956	83.3	304.7	335.8	449.7	436.4	347.7	26.9	1.4	.1	2.5	.0	26.6	2015.1
1957	30.3	197.6	175.1	324.0	432.9	442.9	116.4	10.9	.0	89.7	.0	.0	1819.8
1958	33.6	186.8	264.1	245.5	293.0	292.4	164.7	16.9	.0	89.7	.0	34.2	1620.9
1959	53.4	231.5	187.0	274.2	612.8	292.1	20.8	2.7	8.0	37.9	1.7	42.4	1764.5
1960	1.6	192.8	103.5	347.1	364.0	430.7	63.1	72.1	28.5	.0	5.7	37.7	1646.8
1961	118.3	257.6	149.1	145.2	242.4	270.7	93.8	86.3	47.4	.2	15.6	8.2	1434.8
1962	84.5	57.8	110.6	233.8	451.6	62.5	130.4	31.1	.0	2.0	.0	42.5	1206.8
1963	17.0	73.2	144.7	294.8	469.7	197.2	278.2	103.0	6.7	.0	5.9	.2	1590.6
1964	68.8	93.1	114.8	285.3	286.2	207.9	193.2	16.1	.0	.0	6.4	3.6	1275.4
1965	27.4	210.8	253.5	230.7	299.8	167.6	277.7	32.9	49.8	8.6	.0	.0	1558.8
1966	25.5	200.4	144.0	382.7	639.1	294.4	96.7	99.2	48.9	8.2	.1	31.3	1970.5
1967	84.9	239.0	391.7	355.5	337.1	455.4	105.4	90.5	6.1	28.6	20.2	2.6	2117.0
1968	143.2	267.1	315.5	235.5	492.4	251.6	142.3	28.9	32.0	3.5	.0	21.8	1933.8
1969	19.2	337.9	265.0	334.0	556.1	139.5	68.3	15.2	29.3	10.6	1.2	98.5	1874.8
1970	103.5	318.4	366.9	277.8	421.4	342.4	28.1	36.7	158.6	.0	.8	11.6	2066.2
1971	82.1	214.8	422.8	428.4	545.9	288.4	151.4	14.7	33.6	2.1	.0	.3	2184.5
1972	238.2	116.2	168.7	219.5	472.4	180.2	62.1	170.7	33.8	.0	.0	109.5	1771.3
1973	18.6	228.1	175.7	306.4	428.6	265.7	88.0	30.3	.0	.0	.0	31.8	1573.2
1974	80.6	153.2	166.7	160.9	375.7	346.6	165.8	46.5	10.1	79.1	.0	9.2	1594.4
1975	19.1	201.1	333.4	485.6	470.2	208.4	279.9	5.3	37.1	3.4	3.6	20.1	2067.2
1976	194.7	146.0	126.8	179.5	320.2	370.9	183.3	3.9	17.8	47.7	.0	13.4	1604.2
1977	98.9	213.6	51.0	493.0	294.4	431.1	311.6	15.2	43.4	92.4	80.8	.0	2125.4
1978	124.5	307.5	197.7	469.4	462.2	367.0	76.6	28.5	17.3	3.1	7.7	20.7	2082.2
1979	25.3	213.7	253.5	227.9	342.6	228.3	92.4	.7	.0	.0	.0	4.1	1388.5
1980	35.4*	156.1*	329.4*	404.5*	242.0*	390.8*	87.3*	81.6*	50.9*	.0*	48.1*	.0*	1826.0*
1981	80.8	319.4	313.7	402.2	270.7	202.1	97.5	155.8	22.5	5.7	.0	2.2	1872.6
1982	143.8	118.3	121.9	346.4	339.5	387.2	98.2	13.2	.0	26.5	.0	.0	1595.0
1983	14.2	204.9	69.1	331.2	535.2	130.6	165.6	279.3	23.3	.0	17.1	3.3	1773.8
1984	59.9	148.6	118.2	270.1	431.0	316.6	187.1	24.5	.0	13.3	.8	.0	1570.1
1985	220.3	179.6	102.9	453.4	423.1	235.0	115.0	192.2	.0	.0	.0	5.5	1927.0
1986	150.0	148.4	261.0	239.7	248.6	170.4	77.8	85.6	86.4	.2	1.3	17.8	1487.2
1987	92.1	87.3	63.3	146.0	408.0	292.7	54.8	79.5	.0	.0	15.4	.0	1239.1
1988	250.9	224.8	318.4	232.9	329.5	227.5	93.3	28.5	.0	14.7	.0	21.1	1741.6
1989	31.0	209.1	236.2	352.7	155.8	391.4	156.9	23.8	.0	6.0	25.2	39.1	1627.2
1990	36.8	284.3	201.6	353.1	162.1	226.0	275.3	42.4	.5	.4	.0	12.0	1594.5
1991	64.1	205.2	220.0	182.7	445.3	229.0	78.3	53.5	9.2	1.1	27.9	.0	1516.3
1992	67.0	25.8	29.6	424.0	344.8	223.3	217.0	95.9	95.9	.1	.0	2.2	1525.6
1993	49.2	141.6	64.5	389.2	218.2	452.9	169.7	.4	.1	.0	.0	99.2	1585.0
1994	61.5	228.6	354.2	382.9	553.8	287.1	127.0	51.4	14.6	.0	.0	5.5	2066.6
TOTAL	3600.9	8599.7	9076.4	13218.0	16896.9	11785.4	5572.8	2199.2	930.3	582.9	340.5	890.1	73693.0
MEAN	83.7	200.0	211.1	307.4	393.0	274.1	129.6	51.1	21.6	13.6	7.9	20.7	1713.8
MAX.	250.9	346.7	422.8	493.0	707.4	455.4	311.6	279.3	158.6	92.4	80.8	109.5	2184.5
MIN.	1.6	25.8	29.6	135.1	155.8	62.5	10.3	.0	.0	.0	.0	.0	1005.3
RATE	4.9	11.7	12.3	17.9	22.9	16.0	7.6	3.0	1.3	.8	.5	1.2	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Mae Chan
 CODE NO = 308062

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	100.0	151.6	177.5	308.2	533.9	228.1	43.1	27.5	.0	20.6	4.5	.0	1595.0
1953	291.9	207.0	270.3	340.0	468.8	194.9	186.0	6.0	25.1	.0	3.9	52.1	2046.0
1954	71.1	332.7	205.1	182.4	211.5	248.6	186.8	6.5	10.4	.0	28.7	.0	1483.8
1955	.0	51.1	244.6	177.2	429.2	154.4	72.3	.0	.0	12.0	.0	.0	1140.8
1956	51.1	324.1	384.7	427.5	484.4	360.4	40.1	.0	.0	.0	.0	.0	2072.3
1957	62.0	192.7	325.4	756.4	878.7	632.4	92.2	.0	.0	99.0	.0	27.0	3065.8
1958	82.3	199.9	396.1	660.1	518.0	551.3	189.0	.0	.0	.0	.0	25.1	2621.8
1959	14.0	370.2	371.2	304.2	417.4	332.9	10.2	.0	10.0	.0	10.5	15.3	1855.9
1960	.0	159.9	297.4	393.7	274.7	413.4	16.3	29.4	.0	.0	.0	10.6	1595.4
1961	151.4	224.3	278.0	226.3	460.8	378.4	248.4	38.8	40.2	.0	.0	.0	2046.6
1962	222.6	217.0	326.4	507.3	394.6	110.3	224.8	.0	.0	.0	.0	16.3	2019.3
1963	128.3	152.8	541.1	460.4	693.8	290.2	291.3	133.1	.0	.0	.0	12.4	2703.4
1964	117.8	144.9	228.7	457.9	333.4	419.6	388.5	18.6	65.9	.0	.0	.0	2175.3
1965	56.9	183.8	363.6	334.3	583.6	409.6	235.0	102.6	106.8	2.1	4.3	.0	2382.6
1966	27.1	208.8	296.6	611.7	924.1	313.5*	125.7*	128.0*	80.3*	50.9	.0	50.2	2816.8*
1967	101.7	431.2	650.8	726.5	548.5	503.2	174.2	.0	.0	.0	37.6	.0	3173.7
1968	97.3	203.2	322.5	323.5	372.0	334.0	100.1	65.2	.0	.0	.0	30.9	1848.7
1969	55.6	464.7	366.6	420.8	390.0	260.5	115.4	18.8	6.2	.0	.0	20.6	2119.2
1970	154.4	626.9	583.5	509.6	577.5	500.3	44.8	58.8	211.7	11.6	27.2	7.8	3314.1
1971	70.0	294.6	261.4	492.8	462.6	288.8	122.8	1.1	49.5	4.9	.0	.2	2048.7
1972	67.2	139.8	198.5	196.1	440.5	176.2	83.8	214.8	60.2	.0	.0	72.2	1649.3
1973	28.7	232.9	438.7	385.9	417.5	356.7	83.0	19.5	.0	.0	.0	82.8	2045.7
1974	177.3	303.0	168.1	186.8	431.3	283.6	196.3	109.8	.0	129.2	.0	4.2	1989.6
1975	45.2	181.5	271.4	270.3	386.9	301.9	170.3	20.2	62.1	.0	49.1	101.0	1859.9
1976	118.0	162.5	145.5	259.3	337.5	376.3	215.5	31.3	14.3	33.1	3.1	24.9	1721.3
1977	86.1	227.2	83.0	306.2	304.0	356.8	245.7	15.9	38.3	65.8	54.0	.0	1783.0
1978	92.9	249.1	244.3	561.4	282.7	369.9	.0	21.0	1.1	1.5	4.4	.0	1828.3
1979	22.0	208.6	189.7	270.7	446.7	239.7	165.9	.0	.0	.0	.0	13.4	1556.7
1980	115.6	293.1	376.6	338.5	323.8	521.0	92.8	14.1	5.4	.0	13.3	12.5	2106.7
1981	61.0	477.9	176.5	461.0	274.3	181.4	186.3	144.1	31.8	4.2	.0	52.8	2051.3
1982	119.6	174.9	176.5	246.3	493.2	347.0	59.0	49.2	.0	34.3	.0	12.4	1712.4
1983	10.6	122.8	79.5	336.5	506.9	213.4	130.2	198.4	18.9	.0	5.3	.0	1622.5
1984	26.3	191.6	251.8	334.9	258.0	282.7	121.0	4.7	.0	7.7	.0	.0	1478.7
1985	233.7	173.2	186.8	282.3	287.5	223.8	135.7	95.3	.0	.0	.0	1.1	1619.4
1986	81.9	165.6	244.9	166.0	228.4	221.7	145.6	63.0	108.1	2.8	2.4	45.0	1475.4
1987	48.7	81.2	145.7	176.5	466.2	382.1	84.9	172.7	.0	.0	.0	.0	1558.0
1988	282.4	240.0	258.3	266.0	387.3	183.8	121.4	22.4	.0	17.3	.0	28.2	1807.1
1989	40.3	192.2	178.4	295.6	304.7	344.3	250.8	.0	.0	.0	22.4	8.6	1637.3
1990	46.5	282.5	221.5	292.4	107.8	243.3	111.5	134.5	.0	.0	.0	.0	1440.0
1991	107.4	148.8	168.6	112.3	316.6	324.2	72.7	37.6	.0	.0	78.8	.0	1367.0
1992	.0	42.9	147.4	313.6	119.0	230.0	58.9	32.8	124.9*	.0	.0	30.8	1160.3*
1993	55.9	162.0	172.0	327.4	237.4	159.0	12.0	.0	.0	.0	.0	94.9	1220.6
1994	122.3	181.9	339.7	246.2	474.5	266.0	86.8	52.3	51.1	.0	.0	.0	1820.8
TOTAL	3845.1	9776.6	11754.9	15253.0	17790.2	13509.6	5737.1	2088.0	1122.3	497.0	349.5	853.3	82576.5
MEAN	89.4	227.4	273.4	354.7	413.7	314.2	133.4	48.6	26.1	11.6	8.1	19.8	1920.4
MAX.	291.9	626.9	650.8	756.4	924.1	632.4	368.5	214.8	211.7	129.2	78.8	101.0	3314.1
MIN.	.0	42.9	79.5	112.3	107.8	110.3	.0	.0	.0	.0	.0	.0	1100.3
RATE	4.7	11.8	14.2	18.5	21.5	16.4	6.9	2.5	1.4	.6	.4	1.0	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Chiang Saen
 CODE NO = 308112

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	91.4*	117.4*	192.7*	342.1*	360.1*	138.1*	33.1*	43.4*	.0*	44.1*	60.6*	.0*	1422.9*
1953	56.6*	53.1*	94.7*	182.3*	355.5*	157.9*	57.7*	.0*	.0*	.0*	34.6*	64.9*	1057.3*
1954	65.5*	218.6*	74.6*	147.0*	276.7*	176.3*	77.2*	68.4*	35.2*	.0*	42.1*	67.0*	1248.5*
1955	166.5*	122.6*	313.5*	248.8*	486.8*	254.6*	134.0*	.0*	.0*	46.8*	48.9*	33.3*	1855.9*
1956	52.6*	280.7*	193.9*	275.4*	378.3*	156.3*	53.4*	34.1*	.0*	34.2*	35.5*	59.7*	1554.3*
1957	.0	188.5	259.8	527.9	310.0	270.8	111.3	5.1	.0	107.4	.0	23.0	1803.8
1958	22.0	128.1	137.6	293.4	152.2	282.8	113.2	14.8	.0	40.0	.0	14.0	1198.1
1959	.0	240.0	122.0	206.9	327.6	311.7	36.3	.0	25.7	116.7	.0	.0	1386.9
1960	.0	95.0	113.2	428.2	335.7	182.1	100.5	49.5	21.9	21.5	.0	21.6	1369.2
1961	83.3	116.1	211.1	190.1	473.5	326.6	184.3	81.0	30.6	10.3	.0	28.5	1735.4
1962	122.1	210.3	135.1	197.8	299.4	192.3	100.6	26.0	.0	.0	24.8	43.7	1352.1
1963	56.3	75.9	282.4	263.6	341.1	158.6	308.8	83.6	14.6	.0	4.4	9.4	1598.7
1964	79.9	100.4	163.5	379.8	306.8	162.7	129.4	4.5	24.9	.8	9.9	7.0	1369.6
1965	21.6	78.1	387.9	299.3	301.3	282.3	220.4	116.2	90.4	22.2	.0	.0	1819.7
1966	23.3	156.0	215.8	206.6	674.0	234.3	145.1	81.7	1.2	12.7	.0	36.4	1787.1
1967	107.9	90.2	148.2	229.0	251.2	272.8	39.5	60.6	10.9	40.3	14.1	.0	1264.7
1968	60.3	166.5	455.3	271.0	404.6	342.4	74.8	49.6	.0	1.6	.0	43.3	1869.4
1969	25.6	257.1	265.0	406.5	568.4	205.5	235.2	2.3	.0	21.0	1.3	67.2	2055.1
1970	90.4	347.8	208.7	209.2	314.1	408.3	.0	9.7	76.3	.0	21.6	63.1	1749.2
1971	47.9	234.2	295.9	455.3	475.3	189.4	86.7	.0	40.8	13.4	.0	3.2	1842.1
1972	220.8	80.0	194.2	182.4	617.4	115.7	53.3	133.4	75.0	.0	.0	73.2	1745.4
1973	42.4	215.4	252.7	464.2	346.1	412.8	54.4	11.5	.0	.0	.0	30.5	1830.0
1974	121.1	166.5	159.6	242.8	394.9	156.8	107.8	86.1	20.0	110.3	.0	4.3	1570.2
1975	65.4	159.8	212.5	349.9	407.8	119.3	188.0	10.3	33.5	.0	111.0	13.0	1670.5
1976	102.8	157.7	314.3	204.4	271.7	547.4	301.5	58.2	13.5	40.0	.0	20.9	2032.4
1977	185.8	101.3	143.4	372.0	453.6	244.0	122.2	78.8	24.8	170.7	55.3	.0	1951.9
1978	76.9	282.8	135.2	425.9	531.3	457.7	.0	25.0	67.7	.0	12.6	44.1	2059.2
1979	33.4	141.8	200.6	258.3	435.5	143.9	153.6	.0	2.1	.0	2.4	50.2	1421.8
1980	63.4	316.5	371.7	370.6	294.4	334.1	41.8	.0	5.3	.0	.0	7.2	1805.0
1981	64.2	524.5	267.8	356.9	457.5	337.0	236.2	108.6	.0	31.0	.0	.0	2383.7
1982	199.6	153.9	348.9	304.6	547.9	328.5	92.5	62.2	.0	24.7	.0	3.8	2066.6
1983	76.4	124.0	147.3	249.5	424.8	370.2	67.8	129.8	29.3	.0	38.0	.0	1657.1
1984	85.4	115.9	220.9	331.6	294.2	211.9	121.4*	62.8*	.0	.0	6.3	44.1	1494.5*
1985	33.4	141.8	200.6	366.9	457.5	337.0	107.8	86.1	20.0	.0	13.6	.0	1764.7
1986	42.1	240.3	261.2	169.3	102.6	137.6	132.0	57.2	42.2	.0	.0	26.3	1210.8
1987	72.8	108.5	130.9	197.7	597.0	260.8	42.4	.0	.0	.0	29.8	.0	1439.9
1988	91.2	223.2	145.2	614.2	334.6	324.0	80.1	28.0	.0	5.5	.0	49.3	1895.3
1989	19.8	336.3	201.9	163.3	217.6	508.6	72.8	.0	.0	.0	26.1	54.9	1601.3
1990	89.5	246.0	134.1	436.3	123.8	173.2	138.3	13.8	.3	.0	.0	15.7	1371.0
1991	103.4	310.0	246.9	200.9	291.8	323.6	84.3	50.5	12.0	26.7	.0	.0	1650.1
1992	10.6	96.5	115.2	443.2	263.0	169.0	153.8	67.0	61.5	.0	.0	51.3	1430.1
1993	23.3	140.0	160.3	367.4	187.4	178.3	96.3	.0	1.7	12.9	.0	61.6	1229.2
1994	121.1	128.7	347.3	247.4	544.2	59.2	49.7	48.1	61.3	.0	.0	2.2	1609.2
TOTAL	3118.0	7788.0	9183.5	13079.9	15989.2	10955.5	4739.5	1847.9	842.7	954.8	592.9	1137.8	70229.7
MEAN	72.5	181.1	213.6	304.2	371.8	254.8	110.2	43.0	19.6	22.2	13.8	26.5	1633.2
MAX.	220.8	524.5	455.3	614.2	674.0	547.4	308.8	133.4	90.4	170.7	111.0	73.2	2383.7
MIN.	.0	53.1	74.6	147.0	102.6	59.2	.0	.0	.0	.0	.0	.0	1057.3
RATE	4.4	11.1	13.1	18.6	22.8	15.6	6.7	2.6	1.2	1.4	.8	1.6	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Muang Phayao
 CODE NO = 73013

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	47.5	102.4	9.2	131.5	123.0	114.3	18.2	.0	.0	23.6	.0	.0	569.7
1953	69.4	11.5	173.7	122.5	140.2	128.4	133.5	.0	.0	.0	.0	60.2	839.4
1954	33.5	173.2	70.6	27.0	127.5	209.0	219.3	.0	22.6	.0	.0	50.7	933.4
1955	74.0	99.0	138.2	122.0	435.6	125.4	59.6*	19.3	.0	.0	15.5	.0	1088.6*
1956	54.1	127.2	81.9	244.2	112.1	107.1	43.4*	.0	.0	.0	15.5	.0	785.5*
1957	.0	41.7	72.2	69.1	132.9	98.1	40.2	.0	.0	.0	.0	.0	454.2
1958	46.0*	9.0	133.6*	126.5*	144.5*	144.3*	95.8*	.0	.0	.0	31.5	.0	731.2*
1959	48.6	274.4	117.8	349.0	229.3	319.1	6.3	1.8	.0	.0	.0	.0	1346.3
1960	5.4	131.5	173.1	180.2	246.4	186.2	99.9	28.5	.8	.0	8.2	69.3	1129.5
1961	39.1	226.1	151.6	45.4	233.0	231.9	128.0	24.9	56.9	.0	3.9	.0	1140.8
1962	82.5	93.9	55.1	77.0	141.5	102.3	37.9	.0	.0	.0	16.5	19.9	626.6
1963	13.7	28.0	116.0	91.2	210.8	106.8	204.8	126.0	27.8	.0	.0	22.8	947.9
1964	81.3	114.4	110.1	177.7	77.2	106.9	267.5	14.5	42.1	.0	6.3	16.5	1014.5
1965	12.0	87.4	198.0	98.7	142.1	121.1	139.9	49.6	12.0	.0	.0	.0	860.8
1966	52.3	183.0	17.3	200.5	276.1*	57.4	49.5	.0	.0	.0	.0	.0	836.1*
1967	75.4	84.6	151.5	129.3	146.7	247.7	84.5	51.0	.0	11.2	.2	14.3	996.4
1968	106.9	216.8	80.4	116.1	286.5	303.2	51.4	9.8	.0	8.0	.0	12.4	1191.5
1969	57.4	172.5	187.5	100.6	142.7	108.1	40.8	81.9	6.6	7.6	.0	22.7	928.4
1970	177.6	290.4	240.3	149.1	187.7	269.6	101.2	27.5	109.4	.0	.0	46.7	1599.5
1971	68.0	141.9	32.7	247.2	199.8	186.1	135.7	97.5	8.1	1.1	.0	1.6	1119.7
1972	112.1	84.1	77.0	122.2	194.9	290.0	62.7	145.2	10.6	.0	.0	56.7	1155.5
1973	2.9	204.4	158.1	206.4	439.5	220.5	61.7	12.3	.0	.0	.0	17.1	1322.9
1974	86.7	140.8	152.1	99.4	153.3	226.8	128.9	21.6	8.2	96.4	.0	4.4	1118.6
1975	91.1	128.7	181.7	150.4	272.4	187.2	189.1	12.8	35.9	.0	5.9	.0	1255.2
1976	117.6	46.4	119.9	175.0	145.1	109.9	128.3	20.9	17.0	50.0	.0	64.0	994.1
1977	14.0	204.7	47.8	257.2	196.1	168.0	121.6	69.6	27.1	30.8	23.2	.0	1160.1
1978	49.2	240.6	116.2	238.1	190.4	169.1	28.0	.0	.0	.0	7.8	.0	1039.4
1979	62.2	113.7	48.7	83.9	107.6	47.1	94.8	.0	.0	.0	.0	67.5	625.5
1980	75.4	172.1	151.2	102.1	205.5	64.4	59.7	.0	.0	.0	.0	.0	830.4
1981	21.5	45.3	44.5	131.2	136.1*	14.4	2.4	.0	.0	.0	.0	.0	395.4*
1982	220.4	74.7	47.9	85.3	134.5	149.2	3.5	25.4	.0	.0	.0	.0	740.9
1983	39.7	100.0	60.3	164.8	150.6	135.8	73.1	25.1	.0	.0	13.2	.0	752.6
1984	3.6	60.9	70.1	125.2	199.4	79.1	110.0	.0	.0	.0	.0	.0	648.3
1985	39.3	60.1	64.4	82.1	122.2	132.7	105.3	122.9	.0	.0	.0	.0	729.0
1986	132.0	109.2	70.3	.0	.0	.0	117.7	29.6	.0	.0	.0	20.7	479.5
1987	43.2	89.9	97.1	123.4	232.9	296.9	46.3	58.8	.0	.0	8.0	.0	996.5
1988	105.6	210.0	189.9	60.8	210.5	162.4	97.6	52.2	.0	.0	.0	.0	1089.0
1989	20.0	264.1	98.5	137.8	131.3	223.1	222.2	.0	.0	.0	13.2	25.0	1135.2
1990	47.2*	141.2*	109.8*	167.4*	94.8*	119.1*	137.8*	49.3*	33.4*	33.4*	.0*	37.8*	971.1*
1991	57.6*	111.2*	116.8*	102.6*	202.4*	120.2*	63.0*	53.5*	36.7*	33.6*	43.8*	.0*	941.4*
1992	58.7*	43.0*	44.4*	194.3*	164.2*	118.1*	115.7*	69.6*	69.6*	33.2*	.0*	34.0*	944.9*
1993	50.5	62.5	20.3	132.4	62.6	115.0	103.5	.0	.0	.0	.0	123.4	670.2
1994	65.5	270.0	42.2	210.4	247.2	223.2	66.0	16.5	.0	.0	.0	.0	1141.0
TOTAL	2660.6	5586.5	4440.0	5957.2	7729.1	6645.2	4096.2	1317.7	524.8	328.9	212.7	787.7	40286.6
MEAN	61.9	129.9	103.3	138.5	179.7	154.5	95.3	30.6	12.2	7.6	4.9	18.3	936.9
MAX.	220.4	290.4	240.3	349.0	439.5	319.1	267.5	145.2	109.4	96.4	43.8	123.4	1599.5
MIN.	.0	9.0	9.2	.0	.0	.0	2.4	.0	.0	.0	.0	.0	395.4
RATE	6.6	13.9	11.0	14.8	19.2	16.5	10.2	3.3	1.3	.8	.5	2.0	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Thoeng
 CODE NO = 308042

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	29.6*	31.8*	20.1*	51.5*	50.1*	220.3*	27.2*	.0*	.0*	57.6*	98.1*	24.1*	610.4*
1953	122.0*	158.7*	286.2*	138.8*	582.5*	192.1*	91.3*	.0*	.0*	23.1*	65.9*	42.9*	1703.5*
1954	28.9*	279.7*	154.3*	205.8*	388.0*	211.3*	47.1*	33.1*	.0*	.0*	.0*	.0*	1348.3*
1955	92.3*	198.9*	57.9*	293.7*	712.1*	251.2*	38.0*	.0*	.0*	26.3*	33.3*	.0*	1703.8*
1956	80.1*	142.9*	124.7*	161.5	405.6	417.5	52.4	17.7	.0	2.3	.0	16.9	1421.6*
1957	55.9	191.4	127.9	267.5	636.0	331.8	47.0	.0	.0	60.7	.0	50.9	1769.1
1958	66.1	82.3	259.4	205.5	315.8	234.6	55.4	.6	.0	.0	9.6	22.8	1252.1
1959	67.8	190.1	175.0	292.2	425.0	258.6	9.6	18.9	6.2	45.2	.0	.0	1488.6
1960	5.7	190.8	156.3	346.0	641.6	313.5	50.4	35.4	28.8	.0	30.5	.0	1799.0
1961	167.1	348.6	268.2	205.9	289.5	371.6	89.6	17.4	50.5	.0	88.6	18.3	1915.3
1962	199.3	73.1	123.9	255.3	467.6	165.1	129.9	6.8	.0	.0	9.4	11.5	1441.9
1963	36.0	64.1	401.2	226.9	462.4	131.6	345.0	105.0	18.3	.0	.0	26.2	1816.7
1964	63.8	337.4	207.7	358.1	343.6	326.6	157.8	86.6	13.6	.0	23.3	1.3	1919.8
1965	68.5	119.0	257.6	231.3	223.3	228.5	171.5	119.1	23.7	.0	.0	.0	1442.5
1966	77.4	243.8	227.8	356.2	745.0	226.0	124.1	87.5	.0	.0	.0	32.4	2120.2
1967	52.6	200.2	259.1	219.9	220.2	303.7	39.0	96.2	3.7	12.5	81.2	.0	1488.3
1968	121.6	187.9	206.1	347.2	344.6	275.4	145.6	28.9	.0	4.5	.0	10.5	1672.3
1969	.0	191.0	148.8	264.9	364.6	147.1	79.7	76.2	8.0	1.5	.0	51.0	1332.8
1970	68.6	507.2	368.1	179.0	407.7	243.4	31.2	15.0	113.7	5.2	1.4	11.9	1952.4
1971	32.7	169.5	147.0	269.3	475.8	190.1	169.9	18.2	7.9	5.2	.0	35.3	1520.9
1972	123.8	129.7	226.9	270.6	608.0	148.8	88.4	141.5	11.2	.0	.0	60.1	1809.0
1973	38.6	210.0	326.9	434.1	514.4	274.8	53.5	65.0	.0	.0	.0	14.2	1931.5
1974	124.1	196.2	145.7	165.0	336.9	177.7	76.5	11.6	37.2	94.6	.0	46.6	1412.1
1975	.0	415.1	245.6	309.9	583.8	218.7	97.4	2.5	53.2	.0	16.4	2.5	1945.1
1976	63.7	170.2	158.9	286.9	319.6	142.4	81.5	5.0	6.5	58.2	.0	23.0	1315.9
1977	79.2	174.9	116.0	562.8	517.3	365.9	109.4	58.2	57.1	68.3	20.7	14.5	2144.3
1978	69.3	276.7	167.3	375.8	236.2	246.6	70.7	42.0	9.7	.0	.0	.0	1494.3
1979	52.7	292.1	168.0	160.0	284.3	187.2	61.9	.0	.0	.0	.0	35.4	1241.6
1980	32.0	140.2	260.5	374.3	359.2	196.1	25.0	5.0	13.9	1.0	.0	4.0	1411.2
1981	85.4	140.8	69.6	526.7	141.2	171.4	71.1	109.1	6.8	3.3	.0	52.4	1377.8
1982	162.4	166.4	208.7	185.7	202.9	387.8	32.6	42.6	.0	12.5	.0	8.4	1410.0
1983	27.7	197.8	194.7	305.4	305.8	290.1	205.5	5.5	.0	.0	37.6	6.5	1576.6
1984	90.1	232.0	170.2	397.3	283.0	174.0	82.3	26.5	.0	7.7	.0	.0	1463.1
1985	97.6	531.1	150.3	415.6	155.9	144.4	141.8	251.9	.0	.0	.0	4.6	1893.2
1986	180.8	53.4	109.9	269.8	162.1	101.6	145.5	14.3	11.7	.0	7.9	21.2	1078.2
1987	51.1	62.7	73.1	133.1	345.5	400.3	33.8	120.4	.0*	.0*	44.6*	.0*	1264.6*
1988	196.2*	166.0*	178.5*	200.0*	432.3*	210.3*	157.2*	44.2*	.0*	.0*	.0*	54.7	1639.4*
1989	.0	.0	145.5	381.3	143.4	270.2	113.4	20.8	.0	.0	17.8	12.7	1105.1
1990	71.0	191.7	112.4	268.8	137.4	177.5	162.1	53.0	.0	.0	.0	1.5	1175.4
1991	153.0	197.2	141.0	199.5	316.2	219.7	63.5	26.1	.0	.0	14.9	.0	1331.1
1992	55.4	16.7	68.9	356.1	225.1	39.9	3.2	5.2	30.5	.0	.0	51.0	852.0
1993	12.7	151.6	23.6	78.0	359.7	.0	12.0	.0	.0	.0	.0	74.0	711.6
1994	100.9	121.2	247.4	576.3	692.5	199.9	51.6	15.0	41.0	3.4	.0	66.3	2115.5
TOTAL	3303.6	8142.1	7687.0	12109.6	16163.6	9785.3	3841.6	1828.0	553.2	493.2	601.2	909.6	65418.0
MEAN	76.8	189.4	178.8	281.6	375.9	227.6	89.3	42.5	12.9	11.5	14.0	21.2	1521.3
MAX.	199.3	531.1	401.2	576.3	745.0	417.5	345.0	251.9	113.7	94.6	98.1	74.0	2144.3
MIN.	.0	.0	20.1	51.5	50.1	.0	3.2	.0	.0	.0	.0	.0	610.4
RATE	5.0	12.4	11.8	18.5	24.7	15.0	5.9	2.8	.8	.8	.9	1.4	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Chiang Kham
 CODE NO = 73022

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	13.5	15.7	4.2	35.0	33.6	200.5	33.5*	.0	.0	41.0	80.7	8.1	465.8*
1953	104.1	140.1	265.1	120.6	555.6	172.8	74.0	.0	.0	7.2	49.1	26.6	1515.2
1954	12.8	258.7	135.8	186.3	364.9	191.7	30.7	17.0	.0	.0	.0	.0	1197.9
1955	75.0	179.5	41.3	272.5	682.6	230.8	21.8	.0	.0	10.3	17.2	.0	1531.0
1956	63.0	124.6	106.8	274.2	356.3	346.6	73.7*	.0	.0	.0	.0	75.7	1420.9*
1957	57.7	204.1	233.7	256.0	356.8	218.3	55.3	5.9	.0	44.0	.0	13.1	1444.9
1958	77.4	135.8	112.7	63.3	237.3	116.0	39.8	.0	.0	.0	.0	.0	802.3
1959	.0	79.2	40.9	43.2	185.0	434.1	10.0	.0	.0	35.1	.0	10.2	837.7
1960	9.8	136.0	153.9	286.3	467.7	264.8	92.0	64.4	56.4	.0	30.4	50.8	1612.5
1961	67.5	288.1	239.2	196.1	215.3	312.5	125.1	71.8	56.1	.0	.0	.0	1571.7
1962	129.0	95.7	126.3	192.7	264.7	109.9	92.2	.0	.0	.0	19.5	29.2	1059.2
1963	40.6	57.1	228.8	268.2	342.1	182.6	224.8	125.5	33.2	.0	.0	22.3	1525.2
1964	70.9	259.8	250.5	276.7	240.5	280.5	54.7	15.8	36.2	.0	5.3	12.5	1503.4
1965	73.8	255.9	120.8	332.3	202.1	150.2	217.4	58.6	29.5	.0	.0	.0	1440.6
1966	95.0	233.9	137.7	147.8	490.6	284.4	78.6	.0	.0	.0	9.2	33.5	1510.7
1967	74.7	60.0	312.1	131.0	125.2	302.9	75.6	61.5	.0	18.7	67.3	5.2	1234.2
1968	96.6	88.6	249.9	149.2	261.2	218.4	60.2	61.0	.0	35.1	.0	.0	1220.2
1969	.0	231.7	200.7	320.2	307.5	107.8	91.0	45.7	.0	.0	.0	45.3	1349.9
1970	89.9	424.7	415.7	210.0	365.1	322.9	39.1	15.8	55.7	35.3	.0	29.3	2003.5
1971	66.3	111.4	195.1	306.3	231.9	225.5	137.2	9.6	16.2	8.8	12.5	8.2	1329.0
1972	109.6	40.6	328.5	207.2	502.7	67.3	78.2	112.5	.0	.0	.0	112.9	1559.5
1973	32.1	256.7	158.6	420.5	491.8	213.9	115.6	14.4	.0	.0	.0	28.3	1731.9
1974	108.0	78.7	127.9	176.8	371.3	330.4	139.6	11.3	.0	82.6	.0	.0	1426.6
1975	11.3	213.7	134.9	436.8	286.3	149.3	76.5	25.8	28.3	.0	15.5	7.8	1386.2
1976	48.8	195.2	106.1	280.9	170.7	295.2	55.5	.0	.0	69.1	.0	62.4	1283.9
1977	103.9	132.1	76.9	331.3	331.7	233.2	194.0	28.9	27.6	4.7	15.5	.0	1479.8
1978	105.0	156.9	126.7	244.8	335.0	204.5	61.4	72.0	.0	2.4	2.2	.0	1310.9
1979	103.4	217.7	216.3	272.1	172.8	139.1	13.0	.0	.0	.0	.0	43.5	1177.9
1980	60.3	249.0	331.9	493.0	393.2	221.5	30.6	24.1	45.9	.0	.0	4.8	1854.3
1981	86.0	191.0	59.6	398.3	212.8	155.2	80.6	90.8	19.4	.0	.0	.0	1293.7
1982	192.3	146.3	42.3	146.6	177.1	282.6	7.7	.0	.0	.0	.0	28.3	1023.2
1983	25.8	249.4	70.2	163.1	252.3	194.3	162.6	59.4	6.3	.0	.0	.0	1183.4
1984	86.2	220.7	150.2	211.0	365.1	198.4	121.4	8.9	.0	6.1	2.4	.0	1370.4
1985	187.9	263.8	218.0	172.3	361.5	137.0	70.9	162.5	.0	.0	.0	.0	1573.9
1986	175.3	165.7	62.4	289.0	206.0	176.8	46.2	48.5*	46.8*	2.4	2.3	28.2	1249.7*
1987	125.8	109.6	104.1	191.2	302.1	212.0	67.4	70.6	.0	.0	28.2	.0	1211.0
1988	176.9	147.3	159.5	180.6	408.3	190.7	138.6	27.8	.0	.0	.0	7.3	1437.0
1989	44.8	254.4	98.2	308.0	169.7	251.9	48.3	10.0	.0	1.0	51.5	24.9	1262.7
1990	100.6	146.5	105.7	379.8	187.9	218.6	41.5	51.0	.0	.5	.0	43.3	1275.4
1991	128.0	264.0	206.8	281.0	290.1	180.9	76.2	43.5	4.1	.0	31.9	.0	1506.5
1992	34.0	26.5	34.7	287.4	122.0	137.2	139.9	45.5	118.4	.0	.0	7.9	953.5
1993	111.2	138.4	173.1	319.3	226.4	72.5	150.7	.0	3.7	.0	.0	90.1	1285.4
1994	96.0	290.9	207.6	380.5	538.7	165.8	33.5	3.0	37.9	.0	7.5	55.7	1817.1
TOTAL	3470.8	7535.7	6871.4	10659.4	13161.5	9101.5	3576.6	1463.1	621.7	404.3	448.2	915.4	58229.6
MEAN	80.7	175.2	159.8	247.9	306.1	211.7	83.2	34.0	14.5	9.4	10.4	21.3	1354.2
MAX.	192.3	424.7	415.7	493.0	682.6	434.1	224.8	162.5	118.4	82.6	80.7	112.9	2003.5
MIN.	.0	15.7	4.2	35.0	33.6	67.3	7.7	.0	.0	.0	.0	.0	465.8
RATE	6.0	12.9	11.8	18.3	22.6	15.6	6.1	2.5	1.1	.7	.8	1.6	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Muang Nan
 CODE NO = 28013

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	68.7	85.1	37.4	49.0	285.5	342.2	17.8	2.7	.0	26.4	28.4	19.9	963.1
1953	177.0	60.7	124.2	84.1	208.9	135.5	37.7	4.9	1.2	.0	.0	44.5	878.7
1954	.6	117.8	85.2	67.3	121.1	227.8	38.1	1.3	11.6	.0	15.5	87.5	773.8
1955	109.5	179.6	140.3	116.4	415.5	252.4	26.3	13.8	.0	.0	13.1	10.2	1277.1
1956	96.1	89.9	153.3	195.8	467.8	219.5	36.3	3.9	.0	.0	3.7	63.1	1329.4
1957	146.5	95.3	151.5	203.1	350.2	227.1	39.4	.0	.0	25.1	10.6	22.0	1270.8
1958	52.4	97.5	217.5	93.5	168.5	213.8	62.2	2.9	.0	.1	.2	14.6	923.2
1959	35.9	311.4	86.0	273.7	133.9	368.9	15.5	.3	.0	29.4	7.5	12.7	1275.2
1960	8.2	119.3	65.5	265.3	382.4	201.6	80.8	51.8	8.9	.0	50.9	63.5	1298.2
1961	148.6	165.6	251.7	87.2	303.3	412.4	106.7	18.3	14.6	.9	.0	2.6	1511.9
1962	90.9	153.5	52.4	268.3	274.8	96.9	165.4	2.4	.4	.0	.0	.0	1105.0
1963	.0	9.2	235.2	212.5	295.5	283.8	228.3	40.4	6.8	1.4	.0	7.0	1320.1
1964	110.7	203.4	164.9	206.3	233.5	232.6	145.4	2.8	15.6	.0	71.6	15.2	1402.0
1965	70.3	8.2	30.3	85.7	137.3	231.6	81.7	25.2	.0	11.2	28.8	44.9	755.2
1966	84.3	185.5	152.7	167.1	381.4	95.5	135.4	.9	3.6	2.1	1.7	.0	1210.2
1967	164.5	135.8	114.4	155.2	150.7	391.5	52.6	24.7	.0	4.5	20.3	56.4	1270.6
1968	151.3	138.1	199.2	73.0	247.2	169.3	36.3	1.9	.0	42.0	.0	12.8	1071.1
1969	60.9	197.2	171.2	230.9	209.5	121.2	3.2	.0	6.7	2.6	.1	38.7	1042.2
1970	148.5	185.3	276.1	172.4	304.7	212.6	68.0	14.8	9.4	.6	.0	42.2	1434.6
1971	104.0	201.7	142.4	301.0	312.8	83.2	60.0	10.1	4.6	.0	27.0	19.9	1266.7
1972	78.6	159.0	92.5	272.8	267.0	101.1	60.3	159.0	.7	.0	1.2	95.1	1287.3
1973	22.2	114.4	195.6	434.6	341.2	238.1	61.1	5.6	.0	.0	.0	56.2	1469.0
1974	175.4	62.0	141.9	91.4	240.4	96.7	132.4	3.5	2.9	65.3	.0	8.7	1020.6
1975	2.2	340.0	143.9	158.2	430.2	171.8	142.5	31.4	.1	.0	23.0	25.9	1469.2
1976	81.8	201.3	232.1	215.9	142.9	361.2	117.6	4.7	.5	76.4	.0	43.4	1477.8
1977	108.0	142.0	22.7	324.3	276.1	251.3	99.0	53.2	33.1	7.4	32.8	14.2	1364.1
1978	94.4	84.3	126.8	267.4	270.0	216.9	136.3	.0	1.2	5.7	21.1	.0	1224.1
1979	69.0	181.9	195.6	59.1	301.9	94.5	27.9	.0	.0	.0	6.0	78.0	1013.9
1980	59.2	161.8	274.0	252.9	247.1	392.0	33.8	26.4	15.0	.0	12.5	20.3	1495.0
1981	109.7	196.3	72.6	433.4	139.7	121.4	102.1	26.5	1.0	.3	.0	37.9	1240.9
1982	150.0	101.9	69.8	173.6	154.5	379.2	60.8	4.8	.0	7.7	.8	1.0	1104.1
1983	62.8	293.0	126.4	286.5	264.5	189.0	100.4	50.4	9.2	.0	77.0	4.5	1463.7
1984	178.2	164.6	168.0	163.4	296.9	214.0	66.0	.0	.0	2.6	.0	.0	1253.7
1985	75.3	206.5	192.6	117.2	255.6	151.8	115.0	74.6	.0	.0	1.0	.0	1189.6
1986	181.5	144.7	103.4	143.6	137.7	179.2	66.1	3.1	25.5	.0	8.8	22.1	1015.7
1987	60.3	86.6	146.3	66.5	281.9	213.1	42.0	1.1	.0	.0	17.8	21.7	937.3
1988	274.0	195.9	172.1	198.2	221.5	128.9	126.7	19.7	.0	4.7	.0	5.2	1346.9
1989	23.3	251.9	127.1	144.0	122.8	172.8	55.4	14.6	.0	6.0	10.1	33.4	961.4
1990	99.3	283.4	124.6	285.4	149.8	161.6	75.5	40.7	.0	.3	.0	3.7	1224.3
1991	112.8	223.6	59.4	86.1	198.9	198.4	78.3	1.2	1.7	29.1	79.5	.0	1059.0
1992	25.5	71.2	83.0	269.3	192.0	194.0	72.3	.0	92.4	.0	.0	95.0	1094.7
1993	53.2	125.8	107.9	221.2	187.0	184.3	16.0	.0	.0	.0	.4	125.7	1021.5
1994	110.8	177.3	132.8	302.8	447.4	94.8	32.2	4.7	3.4	8.6	.0	11.6	1326.4
TOTAL	4036.4	6709.5	5962.5	8275.6	10951.5	9025.5	3256.8	748.3	270.1	360.4	571.4	1281.3	51449.3
MEAN	93.9	156.0	138.7	192.5	254.7	209.9	75.7	17.4	6.3	8.4	13.3	29.8	1196.5
MAX.	274.0	340.0	276.1	434.6	467.8	412.4	228.3	159.0	92.4	76.4	79.5	125.7	1511.9
MIN.	.0	8.2	22.7	49.0	121.1	83.2	3.2	.0	.0	.0	.0	.0	755.2
RATE	7.8	13.0	11.6	16.1	21.3	17.5	6.3	1.5	.5	.7	1.1	2.5	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Muang Utteradit
 CODE NO = 70013

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	46.1	162.5	105.2	217.7	147.4	316.2	112.7	10.9	.0	58.2	99.4	13.8	1290.1
1953	236.8	108.1	321.5	162.0	235.2	142.0	171.4	55.8	.0	.0	.0	13.8	1446.6
1954	6.1	200.4	52.1	214.0	192.2	296.9	134.4	.0	.0	.0	14.0	23.7	1133.8
1955	134.1	87.0	338.9	143.4	379.0	227.4	68.1	13.8	.0	.0	13.1	18.5	1423.3
1956	15.5	119.8	161.6	390.4	265.0	352.3	31.0	26.0	.3	.0	14.2	30.6	1406.7
1957	27.2	43.2	211.7	163.7	207.3	481.4	72.7	.0	.0	.0	.0	94.3	1301.5
1958	16.4	223.6	250.7	139.1	317.4	235.3	69.7	.0	.0	.0	7.2	8.8	1268.2
1959	66.4	221.7	41.4	286.1	121.0	271.8	31.5	21.0	.0	.0	.0	.0	1060.9
1960	6.5	212.8	80.2	180.2	307.4	342.5	157.5	31.8	44.6	17.2	4.2	71.6	1456.5
1961	68.2	248.0	204.5	120.3	283.5	554.1	192.0	24.2	2.0	3.0	.0	2.2	1702.0
1962	99.7	104.8	196.4	257.6	231.8	434.2	147.3	.1	3.6	.0	1.1	12.8	1489.4
1963	37.2	116.5	179.7	220.5	302.6	324.0	191.6	43.5	.0	.3	.3	13.9	1430.1
1964	33.4	222.6	166.3	189.5	213.2	216.3	205.1	10.6	20.3	.0	15.5	11.9	1304.7
1965	103.3	136.8	167.0	71.0	368.6	266.5	134.1	1.4	.0	7.3	12.0	5.3	1273.3
1966	.4	287.6	74.5	186.5	416.1	141.5	106.3	4.2	23.8	4.8	23.6	.0	1269.3
1967	31.7	217.7	83.9	200.6	160.7	379.7	20.9	18.2	.0	.0	16.6	10.4	1140.4
1968	136.0	265.3	395.6	144.1	121.1	121.1	141.6	.0	.0	26.7	.0	36.1	1387.6
1969	25.5	156.9	206.9	121.6	262.8	279.4	251.5	4.3	.0	14.7	.5	82.6	1406.7
1970	33.9	150.4	418.1	331.6	498.2	511.3	63.2	1.4	11.3	.9	10.8	33.1	2064.2
1971	100.5	398.6	352.2	236.5	271.4	177.9	139.3	13.0	6.2	.0	9.8	33.6	1739.0
1972	191.3	60.2	195.5	137.4	210.4	200.1	233.1	39.8	2.5	.0	.0	130.0	1400.3
1973	.0	269.5	141.5	164.5	205.5	436.4	40.7	5.9	.0	.0	.0	55.1	1319.1
1974	178.4	199.7	135.0	133.1	330.9	244.4	195.9	71.5	.0	124.9	.0	30.4	1644.2
1975	36.2	226.5	346.7	242.2	445.2	177.6	56.8	42.9	7.5	.0	39.1	.0	1620.7
1976	32.6	320.7	160.4	243.3	272.9	253.2	90.4	18.4	.0	35.2	.0	20.6	1447.7
1977	41.0	274.8	69.0	260.1	259.4	453.3	180.5	3.4	2.4	8.4	13.9	3.6	1569.8
1978	67.4	128.2	191.7	602.2	178.3	404.7	150.8	.0	.0	.0	16.2	11.3	1750.8
1979	29.7	101.7	180.4	141.5	237.9	264.7	93.3	.0	.0	.0	.0	1.0	1050.2
1980	68.3	257.5	212.4	442.3	216.0	227.7	82.4	39.1	.0	.0	.7	4.2	1550.6
1981	95.9	467.5	93.2	200.2	151.9	169.5	259.9	52.1	.0	.0	.0	.0	1490.2
1982	10.2	128.6	132.5	73.3	180.9	481.6	102.7	5.5	2.6	6.0	.1	.0	1124.0
1983	11.6	298.2	172.1	86.5	170.0	174.0	244.0	80.2	9.5	.0	9.2	.0	1255.3
1984	46.8	197.3	230.4	184.8	180.3	236.0	151.4	.0	.0	.0	4.3	8.8	1240.1
1985	128.3	187.5	200.7	194.9	158.9	165.4	156.7	167.2	.0	.0	11.9	19.9	1391.4
1986	168.5	192.5	189.0	152.5	272.9	197.9	44.9	9.0	27.2	.0	.0	43.8	1305.2
1987	84.6	53.5	289.4	57.3	322.7	347.6	32.2	47.3	.0	.0	92.0	2.3	1328.9
1988	190.1	320.2	182.5	178.7	446.4	51.6	88.2	1.3	.0	.7	.4	17.7	1477.8
1989	38.3	298.3	220.4	155.8	108.5	278.5	107.9	.0	.0	.0	14.8	9.1	1231.6
1990	47.2	464.6	88.2	93.7	331.9	317.1	124.9	15.5	.0	23.3	.0	2.1	1508.5
1991	100.4	125.3	163.2	105.9	388.6	231.9	85.2	.0	1.8	6.2	66.6	.0	1275.1
1992	7.3	34.6	256.5	287.7	212.6	421.0	103.3	9.8	60.0	.0	.0	97.4	1490.2
1993	24.6	157.5	116.2	146.1	194.0	272.4	34.0	.0	.0	.0	.1	112.7	1057.6
1994	46.0	418.1	349.7	131.8	315.1	153.7	44.4	3.9	1.2	.0	.1	20.1	1484.1
TOTAL	2869.6	8873.8	8325.0	8392.2	11093.1	12232.1	5145.5	893.0	226.8	337.8	511.7	1107.1	60007.7
MEAN	66.7	206.4	193.6	195.2	258.0	284.5	119.7	20.8	5.3	7.9	11.9	25.7	1395.5
MAX.	236.8	467.5	418.1	602.2	498.2	554.1	259.9	167.2	60.0	124.9	99.4	130.0	2064.2
MIN.	.0	34.6	41.4	57.3	108.5	51.6	20.9	.0	.0	.0	.0	.0	1050.2
RATE	4.8	14.8	13.9	14.0	18.5	20.4	8.6	1.5	.4	.6	.9	1.8	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Muang Phitsanulok
 CODE NO = 39013

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	2.0	189.2	124.3	179.7	249.6	304.7	191.0	4.1	.0	24.6	26.5	14.6	1310.3
1953	25.0	114.1	314.4	166.2	128.1	207.8	165.4	72.4	.0	6.7	.0	6.8	1206.9
1954	5.5	100.5	102.6	195.4	453.8	276.1	176.8	1.6	.0	.0	12.9	38.0	1363.2
1955	41.0	175.7	274.7	81.8	421.7	180.3	38.0	32.5	.0	.0	42.3	20.1	1308.1
1956	92.5	329.5	130.6	434.1	196.4	204.1	146.1	18.6	.0	.0	.0	135.6	1687.5
1957	37.5	135.5	133.7	104.5	152.7	261.2	50.4	8.4	.0	11.1	1.5	101.1	997.6
1958	51.0	156.7	194.6	265.8	234.2	262.4	95.4	.4	.0	8.0	2.2	66.0	1336.7
1959	106.3	269.7	88.3	191.7	132.6	327.0	34.8	43.4	.0	.5	1.0	16.2	1211.5
1960	14.1	255.2	160.0	197.4	220.6	354.7	56.3	21.9	4.2	.0	12.2	69.0	1365.6
1961	86.7	168.7	166.0	187.6	277.8	211.4	250.1	.1	.0	2.9	.0	2.2	1353.5
1962	30.7	91.3	213.7	161.7	211.2	342.6	156.0	1.2	8.3	.0	.0	71.3	1288.0
1963	6.0	63.3	111.1	290.6	440.3	223.3	211.5	111.2	33.4	.1	.0	.0	1490.8
1964	34.1	347.6	146.3	291.7	244.5	358.2	258.8	7.8	23.7	.0	21.1	45.2	1779.0
1965	22.5	176.9	234.6	79.8	314.5	233.6	88.3	16.9	3.1	16.1	4.7	3.0	1194.0
1966	1.9	540.3	199.2	140.3	334.5	134.6	98.1	25.1	.0	3.4	32.3	.0	1509.7
1967	89.7	171.3	77.2	106.6	175.0	306.8	81.0	8.6	.0	.0	24.7	6.8	1047.7
1968	99.7	218.8	122.3	219.6	100.2	172.1	42.1	14.8	.0	48.0	.0	15.4	1053.0
1969	37.9	223.5	80.3	221.8	157.9	339.8	147.1	1.7	.0	8.4	29.0	15.1	1262.5
1970	129.2	124.2	269.3	314.7	223.9	367.3	167.2	23.7	30.7	.6	.6	49.5	1700.9
1971	92.9	231.8	233.3	161.9	415.7	250.7	79.1	.0	4.5	.0	5.0	10.9	1485.8
1972	108.2	10.1	228.2	188.2	189.3	206.4	187.5	111.9	1.4	.0	13.0	90.9	1335.1
1973	2.6	225.8	80.4	180.6	341.5	247.9	68.5	.6	.0	1.8	.1	37.0	1186.8
1974	58.8	279.8	107.0	197.2	281.0	202.3	309.7	46.2	.8	72.1	29.0	35.4	1619.3
1975	11.2	198.5	286.5	171.6	405.2	184.3	133.5	51.5	.0	.0	34.7	22.3	1499.3
1976	16.7	273.1	69.3	275.8	238.3	277.9	171.2	43.5	13.7	1.5	.0	69.7	1450.7
1977	139.0	94.9	153.6	181.1	196.4	477.9	91.5	.0	19.8	.6	30.9	17.2	1402.9
1978	13.2	98.2	188.9	304.2	189.4	309.0	73.3	1.9	.0	1.6	1.0	.0	1180.7
1979	38.3	140.8	297.3	98.4	119.4	154.3	87.7	.2	.0	.0	4.8	21.3	962.5
1980	11.5	282.2	352.5	278.5	318.9	308.7	148.1	40.6	.0	.0	2.4	69.1	1812.5
1981	47.8	184.8	217.2	259.2	228.2	109.1	152.1	38.6	.1	.0	9.3	.0	1246.4
1982	75.2	148.9	170.6	167.9	138.6	324.9	127.7	16.6	.0	16.3	.1	3.2	1190.0
1983	10.9	77.3	278.8	268.0	430.5	153.3	241.9	133.3	13.5	.0	24.4	7.5	1639.4
1984	16.6	131.0	163.5	111.2	229.3	237.6	87.9	2.4	.0	11.6	48.5	2.2	1041.8
1985	51.1	152.3	193.5	184.0	147.8	407.9	350.9	99.3	.0	.0	1.3	5.7	1593.8
1986	110.9	168.7	241.1	101.0	298.4	191.5	115.2	.0	3.0	.0	7.7	59.9	1297.4
1987	27.7	92.2	230.4	80.8	172.2	273.2	104.6	98.4	.0	.0	6.3	.5	1086.3
1988	95.6	267.9	52.4	216.4	346.6	99.0	238.8	1.3	.0	3.4	.0	27.0	1348.4
1989	1.4	279.3	181.6	83.8	440.6	65.9	294.7	21.2	.0	8.4	6.2	116.5	1499.6
1990	55.7	180.6	117.5	168.0	105.8	165.1	121.2	.9	.0	.0	.0	4.4	919.2
1991	42.9	193.6	75.5	108.0	331.1	80.5	122.2	.0	.2	15.8	22.7	.0	992.5
1992	.9	45.1	86.5	187.6	208.7	373.8	134.3	1.0	47.3	.8	.0	19.7	1105.7
1993	35.3	104.9	147.4	177.9	227.9	184.4	50.3	.0	.0	.0	7.9	148.2	1084.2
1994	29.7	468.0	236.9	125.9	264.6	144.4	39.3	3.3	87.1	9.5	.0	14.1	1422.8
TOTAL	2007.4	8181.8	7533.1	8108.2	10934.9	10498.0	5985.6	1127.1	294.8	273.8	466.3	1458.6	56869.6
MEAN	46.7	190.3	175.2	188.6	254.3	244.1	139.2	26.2	6.9	6.4	10.8	33.9	1322.5
MAX.	139.0	540.3	352.5	434.1	453.8	477.9	350.9	133.3	87.1	72.1	48.5	148.2	1812.5
MIN.	.9	10.1	52.4	79.8	100.2	65.9	34.8	.0	.0	.0	.0	.0	919.2
RATE	3.5	14.4	13.2	14.3	19.2	18.5	10.5	2.0	.5	.5	.8	2.6	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Muang Phichit
 CODE NO = 38012

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	.0	121.9	124.5	167.7	180.1	198.5	185.5	4.5	.0	23.0	222.1	.0	1227.8
1953	60.0	118.0	251.0	210.7	134.5	275.5	128.5	35.0	.0	.0	7.0	23.0	1243.2
1954	.0	103.5	348.0	114.5	368.0	501.0	79.5	34.0	.0	.0	.0	12.5	1561.0
1955	113.0	154.5	254.6	149.8	262.7	239.5	43.0	52.7	.0	.0	52.0	.0	1321.8
1956	107.9	159.9	215.4	398.2	321.3	319.2	115.4	.0	.0	.0	21.9	44.5	1703.7
1957	113.2	44.3	122.1	136.5	205.8	288.8	46.7	16.9	.0	14.4	13.0	24.7	1026.4
1958	66.6	154.4	120.6	209.6	354.4	351.2	14.5	.0	.0	.0	37.9	106.9	1416.1
1959	154.8	156.3	153.2	190.3	182.6	272.3	58.8	12.6	12.7	.0	.0	.0	1193.6
1960	89.8	181.0	182.7	240.0	236.3	218.4	175.8	48.5	.0	.0	41.6	2.3	1416.4
1961	160.7	225.1	218.2	172.7	372.8	199.0	252.4	.0	.0	.0	.0	18.3*	1619.2*
1962	39.1	33.2	99.1	142.0	563.1	723.9	128.1	.0	.0	.0	.0	12.5	1741.0
1963	23.4	31.0	122.9	295.3	426.5	190.4	371.0	59.3	.0	3.5	5.4	.0	1528.7
1964	101.5	371.5	85.8	466.1	223.9	538.2	204.5	2.7	.0	.0	57.9	.0	2052.1
1965	43.0	184.4	224.3	61.4	369.0	168.1	66.6	.0	.0	13.0	.0	6.7	1136.5
1966	6.2	399.7	236.2	165.8	430.4	461.7	325.8	65.7	.0	.0	.0	2.3	2093.8
1967	24.2	171.6	99.7	115.6	178.1	357.8	185.2	12.2	.0	.0	49.7	4.5	1198.6
1968	114.3	167.2	404.3	291.4	93.2	153.4	105.3	.0	.0	48.9	.0	90.0	1468.0
1969	15.0	100.8	300.1	152.5	139.9	603.2	193.8	1.2	.0	.0	4.4	52.2	1563.1
1970	33.6	67.1	302.2	164.2	385.5	270.0	140.6	3.0	23.7	.0	35.2	71.7	1496.8
1971	50.9	159.0	103.1	141.0	265.2	342.8	150.5	.0	.0	.0	4.7	1.7	1218.9
1972	71.2	76.5	32.2	105.7	159.2	309.1	185.8	37.5	8.7	.0	.0	71.1	1057.0
1973	31.3	112.2	192.9	119.4	228.1	302.7	120.6	.7	.0	11.0	21.4	29.3	1169.6
1974	89.6	115.8	223.9	229.3	237.8	242.6	264.9	31.2	.0	58.7	.8	12.2	1506.8
1975	39.7	490.3	147.7	286.6	608.2	616.8	160.8	10.7	.0	.0	51.2	16.4	2428.4
1976	65.2	286.2	49.5	197.8	320.1	308.1	89.6	25.5	.0	.0	.0	.0	1342.0
1977	53.0	188.1	89.5	284.1	308.0	211.3	174.8	.0	33.3	.0	.0	.0	1342.1
1978	2.2	46.7	88.3	373.1	258.9	277.0	158.0	8.0	.0	.0	.0	.0	1212.2
1979	34.9	25.2	254.5	81.9	106.3	229.0	3.9	.0	.0	.0	.0	.0	735.7
1980	39.0	232.2	167.5	375.1	240.4	532.4	165.7	.0	.0	.0	.0	29.1	1781.4
1981	54.3	177.4	178.2	352.6	139.5	206.8	59.9	103.2	.0	.0	6.9	8.5	1287.3
1982	110.0	71.5	511.0	168.2	180.3	354.6	163.1	26.9	.0	.0	.0	.9	1586.5
1983	9.8	237.2	211.4	274.3	360.1	268.6	250.4	130.5	39.3	.0	10.9	34.8	1847.3
1984	61.4	95.8	154.1	89.9	177.5	115.2	84.9	.0	.0	2.4	2.4	.0	783.6
1985	55.4	95.9	217.7	252.4	213.1	144.6	175.0	71.7	.0	.0	.0	.0	1225.8
1986	54.0	127.2	128.0	172.0	142.8	207.5	74.6	.0	11.8	.0	.0	36.4	954.3
1987	46.4	78.0	79.6	25.1	115.6	315.5	86.4	44.5	.0	.0	2.3	14.7	808.1
1988	92.7	154.6	104.6	159.9	241.8	108.4	234.9	.0	.0	22.0	.0	60.5	1179.4
1989	4.5	177.6	144.4	142.8	176.2	339.1	86.7	37.1	.0	.0	.0	82.5	1190.9
1990	19.5	158.4	145.4	151.0	140.8	191.8	94.0	3.4	.0	.0	.0	6.8	911.1
1991	26.0	220.1	97.3	59.5	436.9	107.5	145.3	10.0	.0	.0	13.0	.0	1115.6
1992	.0	60.2	142.3	156.6	169.0	307.9	64.7	.0	36.7	3.0	.0	1.0	941.4
1993	43.2	153.8	57.7	110.5	203.3	271.8	6.5	.0	.0	.0	.0	53.2	900.0
1994	36.4	287.8	179.0	47.9	420.4	200.5	14.1	.0	55.0	.0	.0	.0	1241.1
TOTAL	2356.9	6773.1	7564.7	8201.0	11297.6	12841.7	5836.1	889.2	221.2	199.9	661.7	931.2	57774.3
MEAN	54.8	157.5	175.9	190.7	262.7	298.6	135.7	20.7	5.1	4.6	15.4	21.7	1343.6
MAX.	160.7	490.3	511.0	466.1	608.2	723.9	371.0	130.5	55.0	58.7	222.1	106.9	2428.4
MIN.	.0	25.2	32.2	25.1	93.2	107.5	3.9	.0	.0	.0	.0	.0	735.7
RATE	4.1	11.7	13.1	14.2	19.6	22.2	10.1	1.5	.4	.3	1.1	1.6	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Muang Phetchabun

CODE NO = 36013

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	18.2	192.3	237.2	77.0	172.1	128.4	70.0	2.0	.0	21.1	77.2	30.9	1026.4
1953	93.4	96.5	175.9	173.1	77.0	161.3	114.2	24.1	.0	.7	.0	39.2	955.4
1954	25.0	217.3	143.2	64.5	348.9	324.1	81.8	17.6	.0	.0	10.4	48.4	1281.2
1955	67.1	85.4	113.0	78.6	127.5	288.8	15.1	.0	.0	.0	37.1	2.8	815.4
1956	38.8	152.7	141.5	219.7	154.5	291.5	52.5	2.5	.0	.0	12.9	125.3	1191.9
1957	74.1	91.6	144.2	96.2	215.1	227.7	112.1	.9	.9	102.9	23.6	43.7	1133.0
1958	36.4	86.3	156.3	255.7	186.7	203.3	55.4	.0	.0	.0	33.1	78.3	1097.5
1959	83.0	239.8	109.3	220.4	108.2	442.3	34.4	23.4	.0	3.0	.3	42.7	1306.8
1960	9.0	130.4	63.7	134.9	187.3	105.5	109.3	8.6	.0	8.1	23.0	28.4	808.2
1961	62.5	197.6	177.5	251.8	243.1	152.9	67.0	.0	.0	6.6	.0	21.0	1180.0
1962	124.6	124.3	61.7	190.6	248.4	276.3	54.0	23.1	2.1	.0	7.4	40.8	1153.3
1963	142.4	142.6	159.5	290.9	343.0	276.9	257.7	63.5	19.1	.7	.2	12.9	1709.4
1964	47.9	284.4	157.0	200.3	282.5	367.3	123.4	12.0	2.0	.0	25.8	86.2	1588.8
1965	67.9	83.9	226.6	99.3	255.4	234.4	37.4	19.5	3.4	9.4	13.2	14.0	1064.4
1966	45.1	214.4	82.6	268.7	260.3	117.7	106.7	26.9	10.4	.5	5.1	.3	1138.7
1967	185.0	199.9	74.4	151.9	149.0	226.5	17.1	16.4	.0	.0	10.2	18.3	1048.7
1968	113.0	182.3	134.1	215.4	55.9	178.9	62.1	17.8	.0	66.9	.0	24.7	1051.1
1969	58.5	92.0	145.0	123.6	165.6	280.7	179.6	.8	.0	.0	.2	60.1	1106.1
1970	80.6	142.8	274.1	213.4	252.3	231.8	50.3	3.0	13.0	.9	24.7	12.3	1299.2
1971	108.2	210.3	65.8	117.0	180.5	123.0	27.7	2.4	2.7	.0	30.2	18.3	886.1
1972	63.3	60.0	228.3	165.5	192.4	115.1	109.4	22.6	3.3	.0	6.1	65.0	1031.0
1973	37.7	127.9	139.7	155.8	154.0	331.5	34.1	.2	.0	.3	28.7	2.6	1012.5
1974	57.9	79.2	76.7	136.8	157.0	108.7	135.3	11.5	.0	58.7	43.7	116.2	981.7
1975	.1	152.0	87.9	118.9	213.3	187.2	107.7	6.4	.0	.0	17.2	36.3	927.0
1976	37.4	230.7	110.3	236.6	300.1	309.0	173.9	16.9	.0	.2	.0	3.2	1418.3
1977	36.6	160.8	108.8	133.1	167.0	189.0	90.4	.3	17.3	.0	2.3	38.0	943.6
1978	86.8	98.4	101.5	314.1	144.4	381.9	64.8	4.1	.0	20.9	82.1	.0	1299.0
1979	75.4	143.9	165.5	19.8	138.6	108.8	31.9	.0	.0	.0	5.2	42.4	731.5
1980	35.5*	141.1	257.6	159.0	102.7	191.4	94.4	.0	.0	.0	2.6	13.2	997.5*
1981	49.7	182.3	174.7	249.8	234.6	152.4	140.6	16.0	.0	.0	.1	16.5	1216.7
1982	68.0	124.9	169.0	82.8	248.6	395.0	35.7	30.7	14.9	20.2	.0	.2	1190.0
1983	22.1	112.1	156.4	148.8	177.3	194.7	104.5	18.1	21.9	.0	3.4	4.9	964.2
1984	23.5	106.4	334.6	118.3	191.5	167.1	86.8	8.0	.0	10.3	129.8	17.2	1193.5
1985	53.3	167.0	135.5	165.2	113.6	180.4	101.7	6.8	.0	.0	.1	.0	923.6
1986	123.4	152.3	177.1	160.3	94.9	114.9	83.3	.0	4.5	.0	30.9	107.4	1049.0
1987	100.2	72.9	116.4	79.7	259.8	369.2	74.8	59.7	.0	.0	5.9	.3	1138.9
1988	107.3	184.7	109.5	160.4	148.1	85.9	145.0	.0	.0	7.3	.0	54.1	1002.3
1989	63.1	365.8	167.7	108.9	107.5	115.2	153.1	7.7	.0	.0	23.5	139.2	1251.7
1990	33.8	184.5	218.9	240.8	138.0	189.7	119.0	1.2	.0	.0	.0	35.0	1160.9
1991	35.3	125.1	139.2	140.5	347.1	145.2	12.1	.0	75.4	31.8	4.1	.0	1055.8
1992	23.6	60.6	45.2	200.4	96.2	234.2	29.9	.0	7.8	5.9	.0	26.8	730.6
1993	30.8	137.6	56.7	76.1	128.7	141.3	6.7	.0	.1	.0	30.1	206.4	814.5
1994	31.2	194.0	222.4	163.5	399.9	134.3	74.8	.4	47.4	.0	.0	9.7	1277.6
TOTAL	2676.7	6531.0	6342.2	6978.1	8268.6	9187.4	3637.7	475.1	246.2	376.4	750.4	1683.2	47153.0
MEAN	62.2	151.9	147.5	162.3	192.3	213.7	84.6	11.0	5.7	8.8	17.5	39.1	1096.6
MAX.	185.0	365.8	334.6	314.1	399.9	442.3	257.7	63.5	75.4	102.9	129.8	206.4	1709.4
MIN.	.1	60.0	45.2	19.8	55.9	85.9	6.7	.0	.0	.0	.0	.0	730.6
RATE	5.7	13.9	13.5	14.8	17.5	19.5	7.7	1.0	.5	.8	1.6	3.6	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented

STATION = A. Muang Nakhon Sawan
 CODE NO = 26013

MONTHLY RAINFALL (COMPLEMENTED DATA) IN MM.

YEAR	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	ANNUAL
1952	19.8	222.6	198.3	70.5	112.2	232.5	346.7	15.7	.0	.0	38.6	.0	1256.9
1953	70.0	81.3	59.1	193.0	187.4	362.8	151.5	.0	.0	4.4	.0	.0	1109.5
1954	8.3	211.9	79.1	44.0	166.5	332.1	39.6	2.8	1.4	.0	.0	30.3	916.0
1955	22.5	284.4	140.7	240.5	180.3	191.2	28.3	28.6	.0	.0	6.2	9.2	1131.9
1956	220.4	167.9	179.1	176.7	128.5	275.1	169.5	2.4	.0	28.6	26.4	73.0	1447.6
1957	72.3	69.1	135.7	74.0	208.3	271.8	135.0	.0	.0	.0	.0	.0	966.2
1958	85.7	46.6	91.4	94.9	145.9	294.2	43.2	.0	.0	.0	71.1	99.9	972.9
1959	64.9	111.1	76.3	261.6	163.1	290.9	18.2	.2	.0	1.4	.4	.0	988.1
1960	44.6	60.8	145.9	179.7	105.2	174.6	141.5	21.4	.0	.0	31.1	7.4	912.2
1961	52.8	189.2	137.6	152.4	92.1	157.8	186.1	.0	12.8	.0	.3	4.2	985.3
1962	75.5	65.6	101.7	102.2	203.9	330.1	87.3	1.6	.0	.0	.0	2.8	970.7
1963	26.8	12.6	158.7	149.6	209.0	247.1	296.7	60.1	2.0	1.6	4.2	51.2	1219.6
1964	215.7	162.3	93.3	249.0	176.3	405.2	155.4	5.3	6.1	.0	23.8	85.0	1577.4
1965	49.9	111.1	145.3	37.7	242.7	222.0	121.8	16.0	.0	51.4	6.0	.0	1003.9
1966	50.7	132.4	121.2	90.8	225.1	156.5	319.2	132.2	60.6	.0	1.6	4.4	1294.7
1967	109.7	99.6	71.5	73.0	157.1	347.1	114.0	90.9	.0	26.2	13.4	18.2	1120.7
1968	51.3	95.5	118.2	201.2	156.8	94.6	73.8	.7	.0	53.9	.0	35.2	881.2
1969	91.0	104.0	229.8	135.8	73.8	302.9	98.3	2.8	.0	.0	20.9	110.9	1170.2
1970	80.8	297.0	289.1	122.1	200.5	163.4	158.9	10.6	23.9	4.6	109.1	63.5	1523.5
1971	12.8	163.4	43.1	42.9	411.2	80.9	51.6	2.9	9.2	.0	3.2	14.1	835.3
1972	117.2	34.9	108.9	44.1	238.3	246.1	188.6	63.2	42.7	.0	.0	108.6	1192.6
1973	27.4	148.3	131.5	188.6	219.2	193.2	60.1	9.3	.0	.2	.2	12.7	990.7
1974	22.1	139.0	119.7	178.3	121.6	218.3	269.4	33.9	.0	103.3	26.6	36.8	1269.0
1975	14.9	118.4	45.5	141.1	232.0	262.2	191.7	55.3	1.8	.0	.7	37.6	1101.2
1976	89.7	314.5	43.2	110.6	224.2	175.5	110.6	4.5	.0	.2	.0	16.7	1089.7
1977	39.2	218.9	32.7	56.1	175.7	84.5	40.9	.0	33.7	.5	55.5	10.6	748.3
1978	20.8	86.0	162.6	253.9	142.6	334.9	139.9	2.8	.0	.3	3.4	.0	1147.2
1979	56.1	79.9	49.6	69.0	140.4	279.1	.4	.0	.0	.0	22.1	14.0	710.6
1980	22.7	154.3	129.4	181.4	123.2	299.5	221.6	49.6	.0	.0	7.8	37.3	1226.8
1981	130.8	141.8	331.4	206.7	204.4	186.5	85.4	114.1	.0	.0	.0	2.3	1403.4
1982	91.1	89.0	57.9	97.7	255.8	248.4	96.9	47.6	11.3	44.8	.0	.0	1040.5
1983	.0	107.2	73.6	233.2	244.6	221.1	201.3	61.1	13.4	.0	22.0	4.4	1181.9
1984	48.1	106.0	94.7	212.8	119.7	191.0	58.8	8.5	.0	2.2	.2	25.0	867.0
1985	41.0	198.8	90.2	97.8	217.5	281.4	207.9	44.1	.0	.0	2.2	.0	1180.9
1986	80.8	173.9	51.0	91.9	274.7	126.8	88.1	5.3	2.1	.0	69.3	37.4	1001.3
1987	99.6	71.0	109.1	89.8	113.1	338.2	90.0	133.5	.0	.0	3.9	64.8	1113.0
1988	165.6	187.6	186.4	225.3	186.2	331.9	266.5	.1	.0	1.3	.0	16.6	1567.5
1989	4.5	71.5	94.6	97.1	263.0	164.8	117.0	15.7	.0	.4	29.4	45.0	903.0
1990	6.6	244.3	78.8	51.7	155.7	198.4	211.9	32.3	.0	.0	.0	18.7	998.4
1991	43.5	115.4	24.8	87.4	122.8	65.8	127.9	.0	9.2	.9	.4	.0	598.1
1992	18.4	154.6	135.9	145.3	134.6	207.3	171.5	.0	15.0	.0	.0	64.2	1046.8
1993	30.3	91.6	54.2	104.1	147.6	321.8	76.7	.0	.0	.0	.0	175.1	1001.4
1994	24.5	234.6	186.3	41.9	156.9	99.7	73.1	.3	.1	.8	.0	8.5	826.7
TOTAL	2620.4	5969.9	5007.1	5697.4	7759.7	10009.2	5832.8	1075.4	245.3	327.0	600.0	1345.6	46489.8
MEAN	60.9	138.8	116.4	132.5	180.5	232.8	135.6	25.0	5.7	7.6	14.0	31.3	1081.2
MAX.	220.4	314.5	331.4	261.6	411.2	405.2	346.7	133.5	60.6	103.3	109.1	175.1	1577.4
MIN.	.0	12.6	24.8	37.7	73.8	65.8	.4	.0	.0	.0	.0	.0	598.1
RATE	5.6	12.8	10.8	12.3	16.7	21.5	12.5	2.3	.5	.7	1.3	2.9	100.0

Output from Rtablecmp.for File Name = Rtablecmp.out Asterisk shows data are complemented