APPENDIX I

THAI GOVERNMENTAL AUTHORITIES CONCERNED

1. Department of Technical and Economic Cooperation (DTEC)

Mr. Apilas Ostananda	Director-General
Mr. Pracha Chaowasilp	Director of Colombo Plan Sub-Division
Mr. Sutin Susila	Member
Mr. Jiroj Itharattana	Member

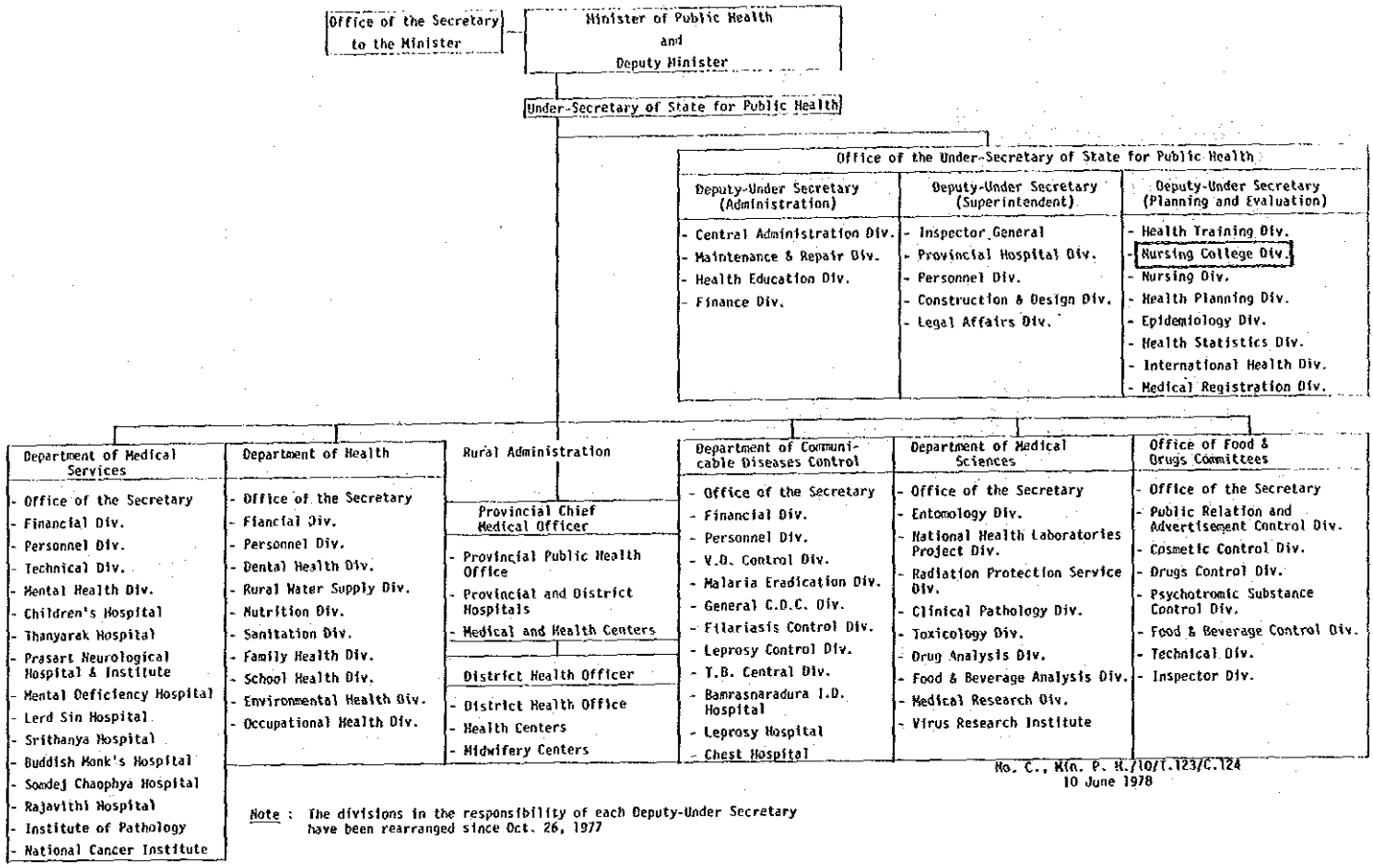
2. Ministry of Public Health (M.P.H.)

H.E. Dr. Prakorb Tuchinda	Under-Secretary Ministry of Public Health
Dr. Winit Asavasena	Deputy Under-Secretary Ministry of Public Health
Miss Paga Sriyuktasuth	Director of Nursing College Division
Mrs. Kaisri Tansiri	Director of Design and Construction Division
Mrs. Pongsree Sukkawund	Nursing College Division
Miss Boonprakong Batpattana	Nursing College Division
Miss Kanchana Santiputanachai	Nursing College Division
Mr. Santi Chayasombat	Architect, Design and Construction Division

3. Mahasarakham Provincial Office

Mr. Kitti Pratumkaen	Governor of Mahasarakham

ORGANIZATION OF THE MINISTRY OF PUBLIC HEALTH



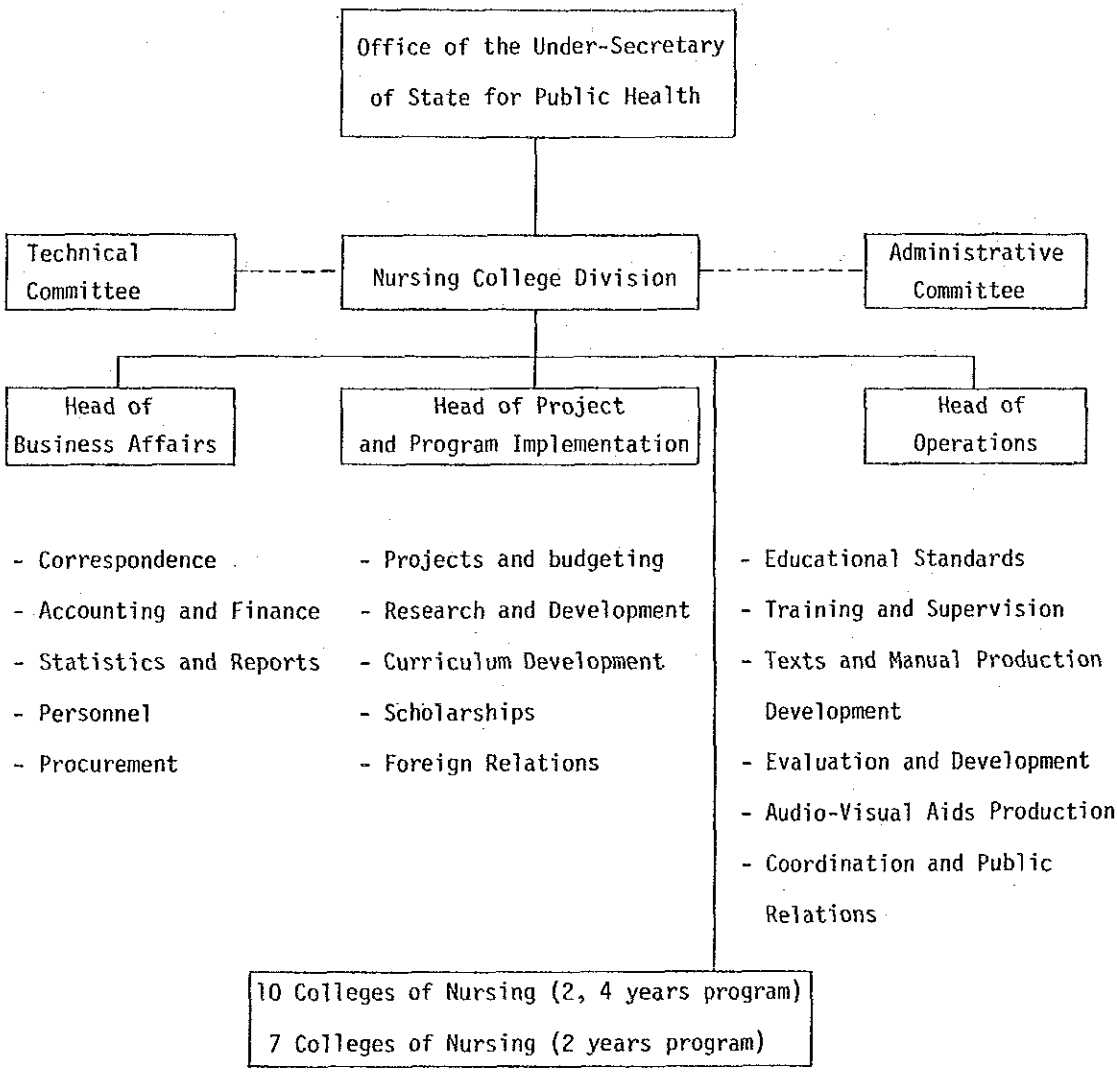
No. C., Min. P. H./10/T.123/C.124
10 June 1978

Note : The divisions in the responsibility of each Deputy-Under Secretary have been rearranged since Oct. 26, 1977

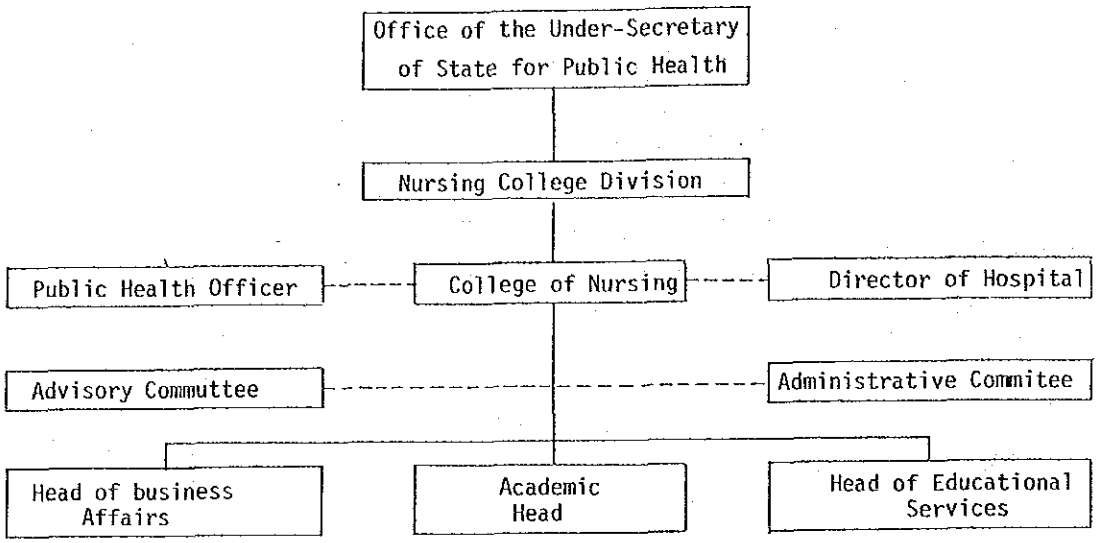
ORGANIZATION OF NURSING COLLEGE DIVISION

OFFICE OF THE UNDER-SECRETARY OF

STATE FOR PUBLIC HEALTH



ORGANIZATION OF THE COLLEGES OF NURSING



- Correspondence
- Accounting
- Finance
- Personnel
- Furniture, Equipment and Supplies
- Building and Facilities

- Education
- Foundation of Nursing
- Medical-Surgical Nursing
- Pediatric Nursing
- Psychiatric Nursing
- Obstetric Nursing
- Public Health Nursing
- Instruction and Administration
- Practical Nursing and Midwifery

- Student Activities
- Dormitories and Student Welfare
- Libraries
- Audio-visual Aids
- Guidance and Counselling
- Registar and Statistics
- Research and Evaluation

DIARY OF THE BASIC DESIGN SURVEY TEAM DISPATCHED FROM 27TH OCTOBER TO 16TH NOVEMBER, 1980

Date	Day	Description
Oct. 27	Mon.	Tokyo - Bangkok Outward flight
28	Tue.	Visit and briefing to the Japanese Embassy and JICA office Courtesy call to DTEC Courtesy call was made and a briefing given to the Ministry of Public Health (MPH) and a discussion was held on the outline of the project and the schedule of the basic design survey team
29	Wed.	Visit to MPH and exploratory discussion was held on the nursing education system and the construction project with officials of MPH
30	Thu.	Investigation of existing nurse education facilities in Bangkok as shown below: - School of Nursing, Mahidol University - Bangkok College of Nursing - Faculty of Nursing, Mahidol University
31	Fri.	Visit to MPH. Significant discussions were held on the Project and individual detailed engineering discussion with Thai counterpart were held.
Nov. 1	Sat.	Collection of technical information local building construction methods, materials and prices
2	Sun.	Bangkok - Khon Kaen by bus
3	Mon.	Visiting Mahasarakham A courtesy call was made and information exchanged with the Governor of Mahasarakham A field survey of the project site was carried out A Mahasarakham provincial hospital was visited and a discussion on technical matters was held with the Director A visit was made to the Wapi Pathum District Hospital
4	Tue.	Visits were made in Khon Kaen to the following facilities: - Faculty of Nursing and a Teaching Hospital, Khon Kaen University - A Khon Kaen Regional Hospital - A vocational Training Centre
5	Wed.	Khon Kaen - Bangkok, by bus En route the following facilities were visited:

Date	Day	Description
		- The College of Nursing and Provincial Hospital Nakhorn Rajsima - The College of Nursing, Sara Buri
6	Thu.	A visit was made to the Embassy of Japan and a report was made on the Project site and the survey team's finding A visit was made to MPH and follow up discussions were held on the project and technical matters Prof. Takahashi, the team leader, arrived at Bangkok
7	Fri.	A courtesy call was made to Under-Secretary of State, MPH The size of the college was discussed
8	Sat.	Prof. Takahashi together with 2 members of the survey team and an official of MPH flew back to Mahasarakham to undertake further studies of the project site and Mahasarakham Provincial Hospital The remaining members of the survey team prepared schematic design sketches of the proposed college
9	Sun.	Prof. Takahashi and party visited Khon Kaen University, and returned to Bangkok by air The remaining members continued preparation of the schematic design sketches
10	Mon.	A visit was made to MPH and a discussion on the educational equipment and schematic design sketches of the college was held. Prof. Takahashi reported her findings after her site visit.
11	Tue.	All day discussions were held at MPH on equipment and planning with Luncheon reception by Under Secretary of Health
12	Wed.	Discussion of detail findings from site visit
13	Thu.	Final preparation of draft minutes and memorandum of discussions
14	Fri.	Final visit to MPH where the minutes were formally exchanged and signed Final discussion was held on the project with MPH officials
15	Sat.	Preparation of Summary document of the Survey
16	Sun.	Return flight Bangkok - Tokyo

DIARY OF THE CONFIRMATION SURVEY TEAM DISPATCHED FROM 26TH JANUARY TO 4TH FEBRUARY, 1981

Date	Day	Description
Jan. 26	Mon.	• Tokyo - Bangkok Outward flight
27	Tue.	• Courtesy call and explanation of the Basic Design to the Ministry of Public Health. Discussion on the works to be conducted by the Thai side. Courtesy call to DTEC • Visit and briefing to the Japanese Embassy and JICA office
28	Wed.	• Meeting with the Thai counterpart of the MOPH for the discussion on the Basic Design (architectural and utility services) and Soil test
29	Thu.	• Visit to the MOPH for further discussions on the Basic Design (educational equipment and Building Design)
30	Fri.	• Visit to the MOPH for further discussion on the Basic Design (building design) and for meeting on revising Basic Design drawings with Thai Architect of MOPH
31	Sat.	• Revising drawings of the respective buildings and international meeting of the team
Feb. 1	Sun.	• Visit was made to the Chonburi Nursing College, Chonburi to investigate the facilities of the college
2	Mon.	• Visit to the MOPH for meeting with Thai officials to summarize the confirmation survey • Attend luncheon hosted by the Nursing College Division
3	Tue.	• Signing RECORD OF CONFIRMATION SURVEY by Miss Paga Director Nursing College Division and Miss Karashima, Team leader. The team submitted the memorandom describing the summary of the discussions of the confirmation survey to the Thai side • Visit the Embassy of Japan and JICA office to report the finalizing of the confirmation survey
4	Wed.	• Bangkok - Tokyo Return flight

THE MEMORANDUM OF DISCUSSION

on

The Basic Design Survey

For

The Construction of the Mahasarakham Nursing College

November 14 1980

Japanese Basic Design Survey Team

Bangkok : 14th November, 1980

Miss. Paga Sriyuktasuth
Director
Nursing College Division
Ministry of Public Health

Dear Miss. Paga,

The Construction of the Mahasarakham Nursing College

It is our pleasure to submit you the Memorandum of Discussion on the Basic Design Survey for the Construction Project of the Mahasarakham Nursing College, which the finding and the discussion held by the Japanese Basic Design Survey Team are described.

You will find that the Memorandum contains further details, based on the summary of the Minutes signed on 14th November, 1980.

We would like to mention that the Basic Design Report will be prepared immediately after our return to Japan, and submitted to you as Draft Report in January, 1980.

Taking this opportunity, we thank you very much for your cooperation in discussion with us and in providing with us necessary data and information during our stay in your country.

Very truly yours,

Yoichi Seki

YOICHI SEKI
Project Coordinator
Japan International
Cooperation Agency (JICA)

9. Memorandum of Discussion

The Japanese Basic Design Survey team hold discussions as follows with the Thai Government officials concerned to develop the Basic Design

1. Project Site

The land for the project has been secured near the Mahasarakham Hospital with area of 20 Rai (32,000 m^2), however, the area is not suitable in size for layingout of the facilities necessary for construction of the college and dormitories.
Additional land of 10 rai (16,000 m^2) are provided suitably for the project. Total Area of the land will be in size of 30 Rai (48,000 m^2) as shown on the sheet "proposed site" in Attachment.

The land will have to be filled and leveled upto hight as top of the existing main road. The land fill and levelling work should be completed by Thai side before start of construction of Japanese side.

2. Access Road

Access road to the land connected from existing main road will be also constructed by Thai side before start of construction of Japanese side. Access road will be provided with pavement as shown on the sheet "ACCESS ROAD" in the ATTACHMENT

3. Capacities of the Educational Facility

The educational facilities, dormitories and ancillary building for the construction of the Nursing College of Mahasarakham have been requested for the Accomodation of 800 students, 200 students 4 years program, by the Thai side. However, after study and review by the Japanese Team facilities for the accomodation of the 480 students, 120 students 4 years program were proposed as the suitable size for the project of Japanese Grant. The site plan and floor plan of each facilities and buildings are indicated for 480 students base in the sheets of the ATTACHMENT

4. Soil Test and Land Survey

Soil test in the project site are requested by the Japanese Team to be conducted by the Thai side, so the basic esign can be commenced for Building Structural work.

The Specification and Boring plot plan as attached are to be provided with the Thai Government official.

Land Survey of the project site conducted by the Thai Government are requested to provide the Survey map with the Japanese Team as soon as possible to commence the Basic Design.

5. Utilities Services

Electrical Supply, Telephone service and Water Supply works are carried out by Thai side to connect to the designated facilities of the construction by the Japanese work as indicated in the sheet attached. Sewage work also to connect to the existing disposal will be conducted by Thai side.

THE MEMORANDUM OF DISCUSSION

ON

THE CONFIRMATION SURVEY

FOR

THE CONSTRUCTION OF THE MAHASARAKHAM NURSING COLLEGE

FEBRUARY 3, 1981

JAPANESE BASIC DESIGN SURBEY TEAM

On the basis of the Basic Design Survey November 1980, a basic disign was carried out in Japan and compiled in the Report on Basic Design-Draft-, Mahasarakham Nursing College in the Kingdom of Thailand.

The Confirmation Survey Team was dispatched to submit and explain the Report and to conduct further investigation and discussion necessary for finalizing the Basic Design.

The Team made a presentation of the basic design and discussed it with the Thai counterparts of the Ministry of Public Health. The discussion were held on mainly the works conducted by the Thai side, the building design, the electrical and mechanical system and educational equipment as follows.

1. Works to be conducted by the Thai Government

The team confirmed that the works to be conducted by the Thai side, such as the Soil testing, preparation of Survey map of additional land, land filling of the site and construction of the access road now have been started to be carried out by the time required for this project in accordance with the statement of the MINUTES OF DISCUSSION, NOVEMBER 14, 1980 as follows

1) The Soil Testing

By allocating budget for the Soil test to be conducted in accordance with the specitications furnished by the Team Novermber 1980, it was confirmed the Soil test is carried out by the Thai side to be scheduled to provide with the report of the result of the test to Japanese Side by end of March 1981.

2) Survey map of additional land

It was confirmed to furnish with the Survey map of the additional land Area to the team by end of February 1981.

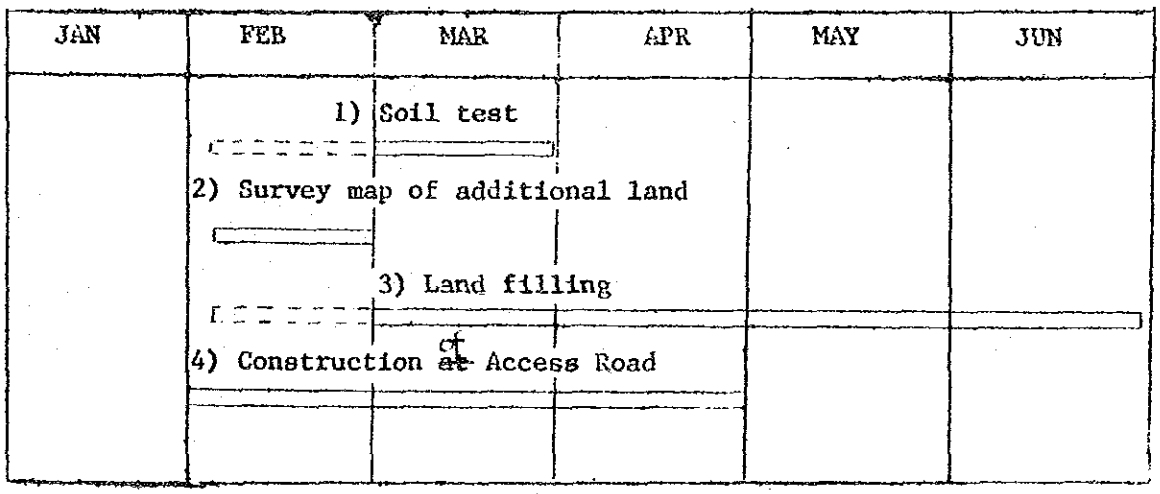
3) Land filling

It was confirmed that the land filling work with allocated budget in addition to the works by the cooperation of the Mahasarakham Governor is now carried out to complete before start of the construction of the project in accordance with the Minutes of Discussion .

4) Access Road

Construction of the access Road conducted by Thai side was confirmed to have started to complete for three months after from now. The pavement work will be carried out by also the Thai side after completion of the construction of the project in the site.

Time schedule at the works undertaken by Thai side



2. Building Design

With regard to the Basic Design of the Buildings for the college, dormitories, cafeteria and lecture theater, the Thai side made the following request to the Japanese Survey Team who agreed to incorporate them into the Final Report.

1) College Building

Lecture rooms to be provided in 2nd floor replaced with administration and staff rooms.

Typing and Duplication room enclosed with partition to be incorporated in administration office and staff room to be divided by wall partitions spaced for two bays. One of staff rooms will have two compartments for consulting room.

2) Dormitories

Laundry, study room, ironing room, shower room and toilet to be accommodated in each block of the dormitory buildings.

3) Cafeteria

Kitchen compared with capacity of dinning room to require more space for arrangement of the equipment and toilet for diners to be provided.

4) Visitors pavilion

Receiption counter to be provided for receiving visitors.

5) Auditorium

Stage partly to be caved in wall and dressing room to be situated directly to connect to stage.

3. Electrical and Mechanical System

1) It was confirmed that the Thai side agreed on basically the design of electrical and mechanical system.

At the meeting with architects and engineers from the Thai side the comment was presented and the discussion was held as follows.

a. Lighting system in the dormitories and outdoors at the electric power failure is required.

Japanese team suggested that hand lamps with batterics (flashlight) are provided, but if the project budget is enough to cover, a small stand - by generator will be installed.

b. Design value of B.O.D. for sewage treatment is recommended to be 20 P.P.M. in principle, but actually 40 P.P.M. is applied sometimes.

Japanese team suggested that the sewage treatment should be designed with 40 P.P.M. if possible 60 P.P.M. because the Project is for a construction of college, not for a factory.

2) It was agreed that the following items were revised and added.

a. Capacity of the water reservoir and the elevated tank is revised.

Water reservoir	120 m^3 → 100 m^3
Elevated tank	30 m^3 → 50 m^3

b. Simple lightning protection system is added.

3) It was agreed that the following items were confirmed.

a. Type of water closet

For staff	Western type
For students	Local type

b. Rooms where required ceiling fans, exhaust fans for ventilation, air coolers, hoods for cooking stove, a draft chamber for chemical laboratory etc. are needed as shown in the attached drawings.

4. Educational Equipment

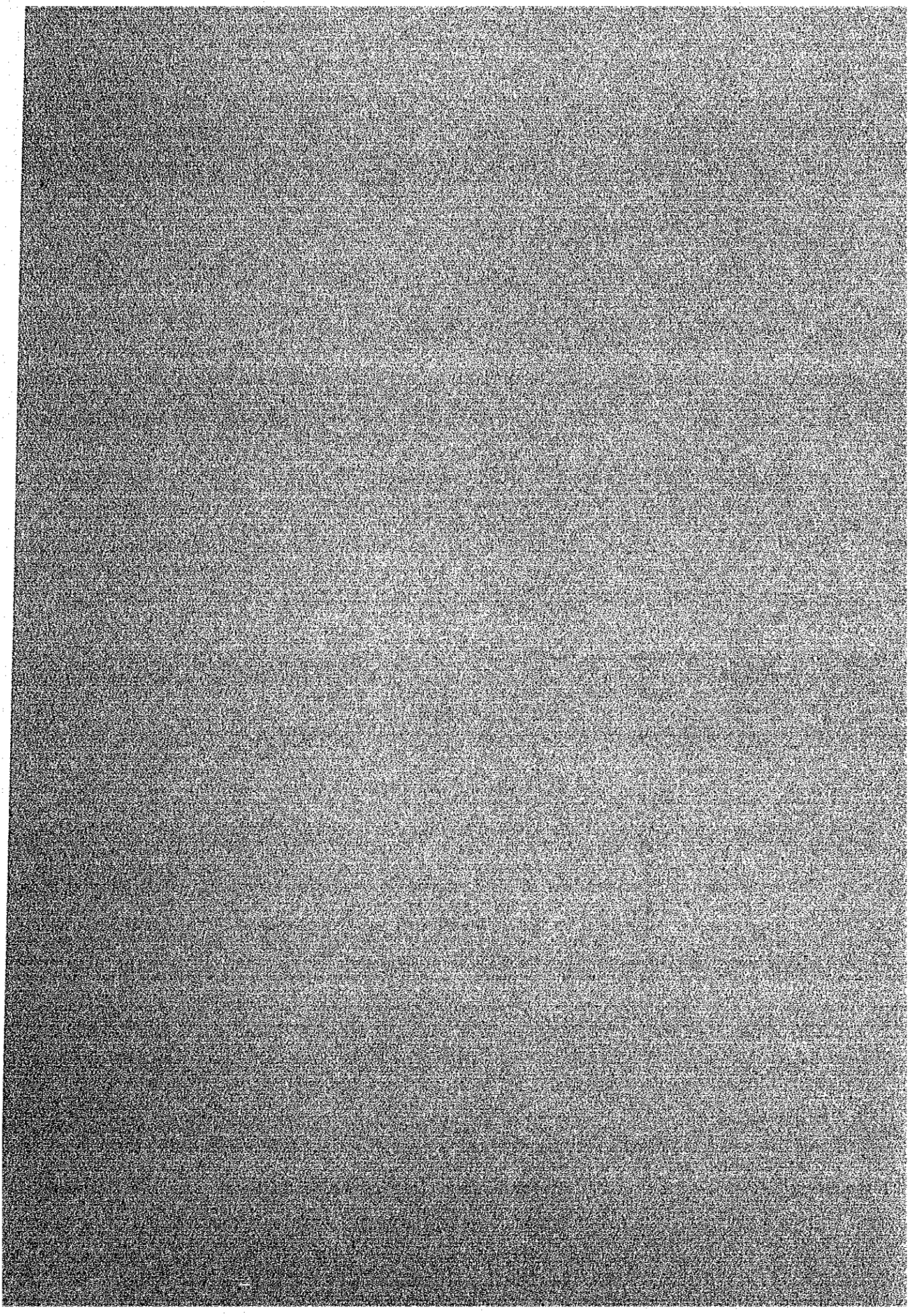
1) Discussion about the educational equipmend based on the list made at the basic design survey was held.

The equipment except for consumption articles are able to be covered in this Project.

As the results of discussion, some items in the list were deleted and some items were added.

The revised list is attached in the appendix.

APPENDIX II



1. List of Law, Acts and Regulations (1)

1. Building Control Act B.E.2522
2. Bye-Laws of the Bangkok Metropolis
   Re: Control of the Construction of Building 1974
3. Bye-Laws of the Bangkok Municipality (B.B.M.) = M
   Re: Control of the Construction of Buildings
   Building Construction Control Act B.E.2479 (B.C.A.) = A
4. Act on the Architectural Profession B.E.2508
5. Act on the Engineering Profession B.E.2505
6. Re-Construction of Fire Area Control Act B.E.2476
7. Prevention and Repression of Fire Risk Act B.E.2495
8. Ministerial Regulation
   Issued under the Prevention & Repression of Fire Risk Act B.E.2495
9. Construction Profession Act 1979
10. Alien Work Permit Act 1978

1. List of Law, Acts and Regulations (2)

1. Act for cleanliness and orderliness of the country B.E.2503
2. Ministerial Regulation No.1 (B.E.2508)
   Issued under the Engineering Profession Act B.E.2505
3. Medical Premises Act B.E.2504
4. WHO Regulations No.2 International Sanitary Regulations
5. Factories Act B.E.2512
6. Factories Act (No.2) 1975
7. Factories Act (No.3) 1979
8. Ministerial Regulations
   Issued under the Factories Act B.E.2512
9. Notification of the Ministry of Industry
   Issued under the Factories Act B.E.2512
10. Fuel Oil Act 1978
11. Fuel Oil Act 1979
12. Act relating to the storage of oil fuel B.E.2474
13. Ministry of Interior's Regulations
    Issued under Section 56 of the Act relating to the Storage Oil Fuel B.E.2474
14. Notification of the Ministry of Interior
    Re: Safety in Working with Machinery
15. Notification of the Ministry of Interior
    Re: Working Safety in Respect to Environmental Condition

Rules and Regulations for Electrical and Mechanical Work

In Thailand there are codes and regulations prepared by the Thai Government and in accordance with the application of foreign codes and regulations governing the installation of electrical and mechanical systems. Codes and regulations for utility systems are however inadequate. There is a power supply standard issued by the Metropolitan Electrical Authority (M.E.A.). For this project the Provincial Electrical Authority (P.E.A.) should provide power cables, so they should be installed in compliance with the standard of M.E.A.
There are no special codes and regulations covering water supply, gas, fire protection or telephones in Thailand.
The code of fire protection will comply with the code of NFPA.
There are Thai Industrial Standards (TIS) covering some equipment and materials.
Although there are some descriptions in the Factory Acts on standards or regulations of sewage treatment, the actual design and installation will be carried out in accordance with discussions between the Thai Authorities concerned and the Survey Team.
The electrical and mechanical design and installation work shall be carried out using the appropriate Thai and Japanese regulations where suitable with consideration given to the local conditions.

2. Relevant Code, Regulation and Standard

1.	Electrical Code	• MEA Code (Metropolitan Electrical Authority Code) This is almost same as N.E.C.
2.	Fire Protection Code	• Comply with NFPA
3.	Standard for Equipment and Material	• Thai Industrial Standard (TIS)
4.	Standard for Sewage Treatment	•
5.	Drainage	• Factory Act and Ministerial Regulations

3. Relevant Authorities

1.	Water Supply	:	Department of Health
2.	Drainage	:	Municiple Authority of Mahasarakham Department of Public Work, Ministry of Interior
3.	Sewage Treatment	:	Department of Health Municiple Authority of Mahasarakham
4.	Power Supply	:	Provincial Electricity Authority (P.E.A.)
5.	Telephone	:	Telephone Authority of Thailand (T.A.T.)
6.	Gas	:	Ministry of Industry Ministry of Commercial
7.	Fire Protection	:	Municiple Authority of Mahasarakham
8.	Pollution Control	:	Department of Health Municiple Authority of Mahasarakham

4. Quality of Water — Sample from Mahasarakham water work, tested date May 1980

I. Physical feature

1.	True color in Pt units		5
2.	Odour		unobjectionable
3.	Taste		"
4.	Turbidity in Silica units	120	120
5.	PH value		7.5
6.	Electrical conductivity at 20°C (micromhos/cm)		390

II. Chemical feature

1.	Acidity total solids		2
2.	Suspended solids		-
3.	Dissolved solids		-
4.	Hardness expressed as calcium carbonate		54
5.	Carbonate hardness	ditto	54
6.	Non-carbonate hardness	ditto	0
7.	Total alkalinity		140
8.	Total organic matter (Oxygen consumed)		2.4
9.	Total organic nitrogen, expressed as mitrogen		-
10.	Albuminoid nitrogen	ditto	-
11.	Nitrate,	ditto	0.0400
12.	Nitrite,	ditto	-
13.	Carbon chloroform extract (CCE)		-
14.	Alkyl benzyl sulfonates (ABS)		-
15.	Dissolved oxygen (DO)		7.1
16.	Chloride	(cl)	53.4
17.	Iron	(Fe)	1.75
18.	Manganese	(Mn)	-
19.	Copper	(Cu)	-
20.	Lead	(Pb)	-
21.	Zinc	(Zn)	nil
22.	Calcium	(Ca)	20
23.	Magnecium	(Mg)	1

24.	Sulfate	(SO4)	-
25.	Fluoride	(F)	-
26.	Arsenic	(As)	-
27.	Residual chloride		-

CLIMATOLOGICAL DATA FOR THE PERIOD 1951 - 1975

Station ROI ET
Index Station 48 405
Latitude 16° 03' N.
Longitude 103° 41' E.

Elevation of station above MSL. 140.00 meters
Height of barometer above MSL. 141.35 meters
Height of thermometer above ground 1.20 meters
Height of wind vane above ground 13.00 meters
Height of raingauge 0.65 meters

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Pressure (+1000 or 900 mbs.)													
Mean	13.87	11.44	09.79	08.12	06.45	05.22	05.19	05.17	06.94	10.36	12.81	14.21	09.13
Ext. Max.	27.48	24.30	22.86	21.42	15.06	13.04	12.36	12.78	14.82	18.55	22.24	24.72	27.48
Ext. Min.	02.08	98.44	99.47	98.69	97.73	95.24	91.44	96.91	97.68	01.48	03.04	03.36	91.44
Mean daily range	5.30	5.61	5.84	5.72	5.23	4.37	4.18	4.21	4.54	4.62	4.60	4.86	4.92
Temperature (°C.)													
Mean	23.7	26.0	28.7	30.2	29.6	28.8	28.4	27.8	27.5	26.9	25.1	23.2	27.1
Mean Max.	30.0	32.2	34.6	35.7	34.3	32.6	32.0	31.3	30.9	30.8	30.2	29.4	31.9
Mean Min.	16.2	18.9	22.0	24.1	24.7	24.7	24.4	24.3	24.1	22.4	19.3	16.7	21.8
Ext. Max.	36.4	38.7	40.5	41.5	40.0	37.8	36.0	37.5	34.7	34.6	34.8	35.8	41.5
Ext. Min.	6.3	9.8	11.5	15.0	20.4	19.7	21.4	21.1	20.0	15.2	11.4	7.0	6.3
Relative Humidity (%)													
Mean	63.0	62.0	60.0	63.0	72.0	76.0	77.0	80.0	82.0	76.0	70.0	66.0	71.0
Mean Max.	87.0	84.5	81.9	83.7	89.7	91.8	91.5	93.4	93.8	91.3	90.0	88.5	88.9
Mean Min.	43.5	42.6	42.4	45.0	55.3	62.0	63.2	66.8	68.4	61.9	53.0	48.1	54.4
Ext. Min.	22.0	13.0	20.0	20.0	29.0	40.0	42.0	42.0	49.0	41.0	25.0	25.0	13.0
Dew Point (°C.)													
Mean	15.7	17.4	19.7	21.8	23.7	24.0	23.8	23.8	23.8	22.1	19.2	16.2	20.9
Evaporation (mm)													
Mean-Piché	92.4	92.1	113.7	103.9	81.5	63.0	62.2	53.5	47.6	60.8	74.5	85.4	930.6
-Pan	163.8	158.9	196.6	190.4	165.0	135.4	141.8	122.5	101.0	140.3	155.3	163.0	1834.0
Cloudiness (0-8)													
Mean	2.8	3.3	3.7	4.5	5.8	6.5	6.5	6.9	6.3	4.8	3.6	3.0	4.8
Visibility (Km)													
0700 L.S.T.	4.6	4.9	5.2	6.4	8.3	9.0	9.1	8.5	8.1	8.1	7.2	5.6	7.1
Mean	7.8	7.0	6.5	7.7	9.6	10.2	10.3	9.8	9.6	9.6	10.0	8.9	8.9
Wind (Knots)													
Prevailing wind	E	E	E	S	S	SW	SW	SW	SW	E	E	E	-
Mean Wind Speed	4.2	4.0	4.2	4.1	4.1	4.9	4.8	4.4	3.2	3.9	4.7	4.7	-
Max. Wind Speed	24 NE	33 NE	34 SW	36 N	36 S	27 S,SW NW	33 NW	36 NE	33 SW	28 SE	27 E	27 E	-
Rainfall (mm)													
Mean	3.5	19.0	31.1	82.3	192.4	197.6	207.3	252.7	314.1	93.7	9.9	1.2	1404.8
Mean rainy days	0.8	2.2	3.7	7.2	14.5	15.2	15.7	17.9	19.1	8.7	1.8	0.5	107.3
Greatest in 24 hr.	26.0	59.6	63.0	88.5	118.0	140.6	135.0	140.2	230.6	80.0	33.0	21.9	230.6
Day/Year	25/74	10/75	7/61	23/51	31/70	6/55	12/65	25/63	22/64	11/75	5/64	3/75	22/64
Number of days with													
Haze	23.6	23.2	28.0	21.8	7.6	1.3	0.6	0.6	1.6	8.5	14.8	21.7	153.3
Fog	7.1	3.8	1.8	2.6	2.1	0.1	0.1	0.1	0.3	0.4	2.0	5.0	25.4
Hail	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Thunderstorm	0.2	1.1	4.2	8.1	14.4	9.0	9.1	11.9	9.9	5.1	0.4	0.1	72.6
Squall	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

Station KHON KAEN
Index Station 48 381
Latitude 16° 26' N.
Longitude 102° 50' E.

Elevation of station above MSL. 164.63 meters
Height of barometer above MSL. 165.41 meters
Height of thermometer above ground 1.50 meters
Height of wind vane above ground 14.50 meters
Height of raingauge 0.60 meters

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Pressure (+1000 or 900 mbs.)													
Mean	13.99	11.62	09.72	07.98	06.34	05.15	05.05	05.10	06.97	10.55	13.00	14.40	09.16
Ext. Max.	28.70	24.62	23.60	21.68	14.90	13.70	12.50	13.92	15.10	18.90	23.42	25.08	28.70
Ext. Min.	02.66	00.90	99.98	98.61	97.40	94.92	95.05	95.58	94.32	01.90	03.30	03.44	94.32
Mean daily range	5.61	6.05	6.01	5.76	5.18	4.29	4.07	4.17	4.58	4.77	4.80	5.10	5.03
Temperature (°C.)													
Mean	23.2	25.9	28.7	30.3	29.5	28.7	28.2	27.7	27.2	26.7	25.1	23.2	27.0
Mean Max.	30.3	32.8	35.3	36.5	34.9	33.1	32.6	32.0	31.6	31.4	30.9	29.8	32.4
Mean Min.	15.7	18.7	21.9	24.1	24.6	24.6	24.1	24.0	23.6	22.2	19.3	16.1	21.7
Ext. Max.	37.2	41.0	41.8	42.8	41.2	37.4	36.8	37.0	35.5	35.8	37.2	35.8	42.8
Ext. Min.	5.7	10.4	10.3	14.0	20.9	20.7	20.2	20.8	19.3	14.0	9.4	5.6	5.6
Relative Humidity (%)													
Mean	64.0	62.0	61.0	64.0	72.0	76.0	77.0	80.0	82.0	80.0	70.0	66.0	71.0
Mean Max.	86.1	83.9	82.0	82.5	87.5	88.8	90.0	91.4	92.7	90.8	88.1	87.2	87.6
Mean Min.	43.6	42.3	41.3	43.9	53.8	60.7	62.3	65.0	66.6	60.3	50.7	45.7	53.0
Ext. Min.	11.0	10.0	12.0	18.0	29.0	33.0	41.0	37.0	46.0	26.0	21.0	15.0	10.0
Dew Point (°C.)													
Mean	15.5	17.7	19.0	22.8	23.4	23.7	23.8	23.7	23.0	22.1	19.8	16.6	20.8
Evaporation (mm.)													
Mean-Piché				No	Observation								
-Pan	168.1	174.2	218.0	231.5	210.9	169.6	176.4	159.9	144.3	163.7	164.8	167.6	2149.0
Cloudiness (0-8)													
Mean	2.8	2.8	3.2	4.0	5.6	6.4	6.4	6.7	6.2	4.7	3.6	3.0	4.6
Visibility (Km.)													
0700 L.S.T.	5.3	5.1	4.8	6.2	7.8	8.0	8.2	7.9	7.5	7.5	7.2	6.4	6.8
Mean	7.4	6.6	5.9	7.3	8.4	8.7	8.7	8.6	8.4	8.9	8.6	8.3	8.0
Wind (Knots)													
Prevailing wind	NE	NE	NE	SW	SW	SW	SW	SW	SW	NE	NE	NE	-
Mean Wind Speed	3.5	3.3	3.7	4.0	3.8	4.2	4.5	4.0	3.1	3.7	4.2	4.0	-
Max. Wind Speed	33 NE	33 N,SW, NW	40 NE	46 W	47 SW, WNW	39 SW, W	55 W	40 E	33 N,SW, W	34 NE	35 N	38 NE	-
Rainfall (mm.)													
Mean	8.9	18.0	37.2	61.6	165.4	179.6	156.3	186.8	266.0	89.4	15.9	2.7	1187.8
Mean rainy days	1.3	2.8	4.4	6.4	13.9	14.4	16.2	17.8	18.0	9.6	1.7	0.6	107.1
Greatest in 24 hr.	29.2	63.4	70.2	65.7	96.9	123.8	92.8	99.0	141.6	124.5	81.0	26.6	141.6
Day/Year	24/69	3/66	12/52	6/65	10/52	12/70	26/63	14/61	8/51	26/69	10/74	20/71	8/51
Number of days with													
Haze	22.6	23.8	24.1	13.8	1.4	0.0	0.1	0.4	0.7	3.1	8.1	19.0	117.1
Fog	5.2	3.3	3.9	1.4	0.4	0.1	0.1	0.2	0.3	1.5	5.9	5.8	28.1
Hail	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Thunderstorm	0.3	1.4	6.1	11.9	17.6	13.6	13.4	11.7	13.4	6.0	0.5	0.0	96.1
Squall	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

Remark : Evaporation - Pan 1961-1975