

REPUBLIC OF INDONESIA

Ministry of Public Works

Directorate General of Water Resources Development

PRE-FEASIBILITY STUDY

ON

THE UPPER KOMERING RIVER BASIN

DEVELOPMENT PROJECT

19916

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DATA BOOK

MARCH 1982

JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO, JAPAN

国際協力事業団 19916

INTRODUCTION

This data book consists of Meteorological data, Hydrological data, Soil profile, Results of Sylinder Intake Rate and Soil Mechanical Test Result. The Meteorological data covers the rainfall, evaporation, relative humidity, temperature, sunshine duration, solar radiation, and wind velocity in and around the project area. The Hydrological data comprises water stage record, water level-discharge conversion table, and daily discharge records. The Hydrological and Meteorological data were collected mainly at SUB P.3.S.A. Sumatera Selatan, P.U. Belitang, Agricultural office in Palembang and Baturaja, and SUB P.3.S.A. Lampung in Lampung State. These data is available since the start of observation by PAO in 1972.

The data of Soil profile observed during the survey period are also compiled in this book. The area surveyed covers about 225,800 ha comprising three areas, namely Huncak Kabau, Lempuing and Tulangbavang areas. The sites for soil profile surveys are selected taking into account the parent material, land form, and relief and further referring to topographic map on a scale of 1:50,000.

Soil analyses are made at the Soil Research Institute in Bogor for 50 soil samples taken from representative soil horizons. The profile data attached hereto are prepared referring to "the Guidelines for Soil Profile Description" published by FAO.

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Station: BANDING ABLING

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River Basin

Station:

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N. K. Porn K1102

Station:

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River Basin

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Daily Max.

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Station: O. K. U.

Station & Location N. 4 / Et. g. • River Beein Basin & - ----K-2 Year 1976 Station Site MUARA DUA Drainage Area Month Aug Nov Dac Annal Jul Oct Jao 700 Mar Apr May Juba Sept Day 2 1 9 10 ... --16 _ 2 16 20 4 5 10 35 _ 18 18 __ 4 15 --_ --10 5 28 1 II6 2 32 ó _-• --5 ٠ عمر 9 7 3 12 1 8 2 10 _ 109 ġ --86 14 10 1) -__ _ 11 60 28 12 8 13 --_____ ---_ 13 50 47 _ 22 <u>27</u> 14 12 2 16 -16 15 __ __ 7 62 16 2 7 3 -18 18 17 9 25 18 46 <u>25</u> ----42 _ 19 11 18 4 20 21 _ 10 14 5 -21 .-11 24 12 3 3 22 --8 8 _ _ 23 1 24 ___ 6 3 10 29 6 __ 4 32 25 <u>55</u> b 2 19 26 10 21 11 2 9 35 27 3 15 2 15 21 28 16 21 _ 3 19 __ 1) 29 24 20 12 14 7 12 30 3 2 14 34 31 9 Total 67 309 352 76 3/ 177 261 29 331 136 Number of تري 4. Ś 19 / 6 14 15 16 13 14 raicy day Max within one <u>stantantantantantantanta</u> recorded day יום בסטיון בא 6 hr - 3 亿 310 3/5-3/5 77 **510**" (Data) 3 hr)) (Oate) i hr 31 (Data) Summary of all recorded years starting from 19 ~ 19 Average Yar. (Teer) Xia. <u>5h-1k-5h</u> 7513

N. X . Porm . K1102

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River Basin Basin & Station & Location N. . E. . Eli. m

Station: O.K.U

Statica Site MUARA DUA Drainage Area Year 1778 Kat Month Jul Oct Nov Dec Isnak Jan Aug Sept \$ o p Mar Apr Xay June Day 2/ Ź <u>. 3</u> -<u>/\$</u>: <u> 38</u> ... é _ 8_ __ .--_ 2/ 2/ __ // אער __ シチ Ż <u> 3</u> <u> 31</u> 2/ אנב 2/ <u>33</u> 2/ 2Q Total 7וג >87 Number of /才 rainy day Vex vithin cos recorded der (Date) ->][6 hr (Data) 3 hr (Date) 1 hr (Date) Summary of all recorded years starting from 19 ~ 19 Azerage Mar. (Year) Min. 顶 (Year) (3) $\Sigma 1\overline{\zeta}$ TR Daily Max. 1-027 Calgaro 2-427 3-427

Station:	

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Basin & Station & Location N. .

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N. K. Porm .K1102

Station: O.K.U

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Bietlon: O.K. U

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Basin & Station & Location N. . E. . EL. Station Site Simpang Year 1976 Drainage Area Ka2 Konth' Jan Fob Mar May Jul Oct λpr June Aug Sopt Nog Dec Agnest Day \mathcal{Z} ó ¥. . . ŧŌ _ 5/ ---ټ _ <u>23</u> 5-2 - ' <u>LZ</u> خب // Ų __ <u>8</u> <u> 18</u> _ Total \mathscr{A} Number of 4. rainy day Vax within on a recorded day (Date) <u> ひにかにかにかにかにか</u> 67.r (Date) 3.5 3 hr Thr Thr (elsel) Summary of all recorded years starting from 19 ~ Average Xer. (Teel) Kia. (lear) -5 k Daily Max. 2-027 3-427 Priging

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Station:

Station Site	SIM	PANO	9 1	14 <i>RT</i>	APU	RA	Drain	ago Ar	64		1980		
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Dally Xax.	1-627			2-427			3-417			Origin			.

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X (Date)	lci	لحا	12.2		(-)		<u>C 2</u>	17		(-)	3	ok-s	()
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