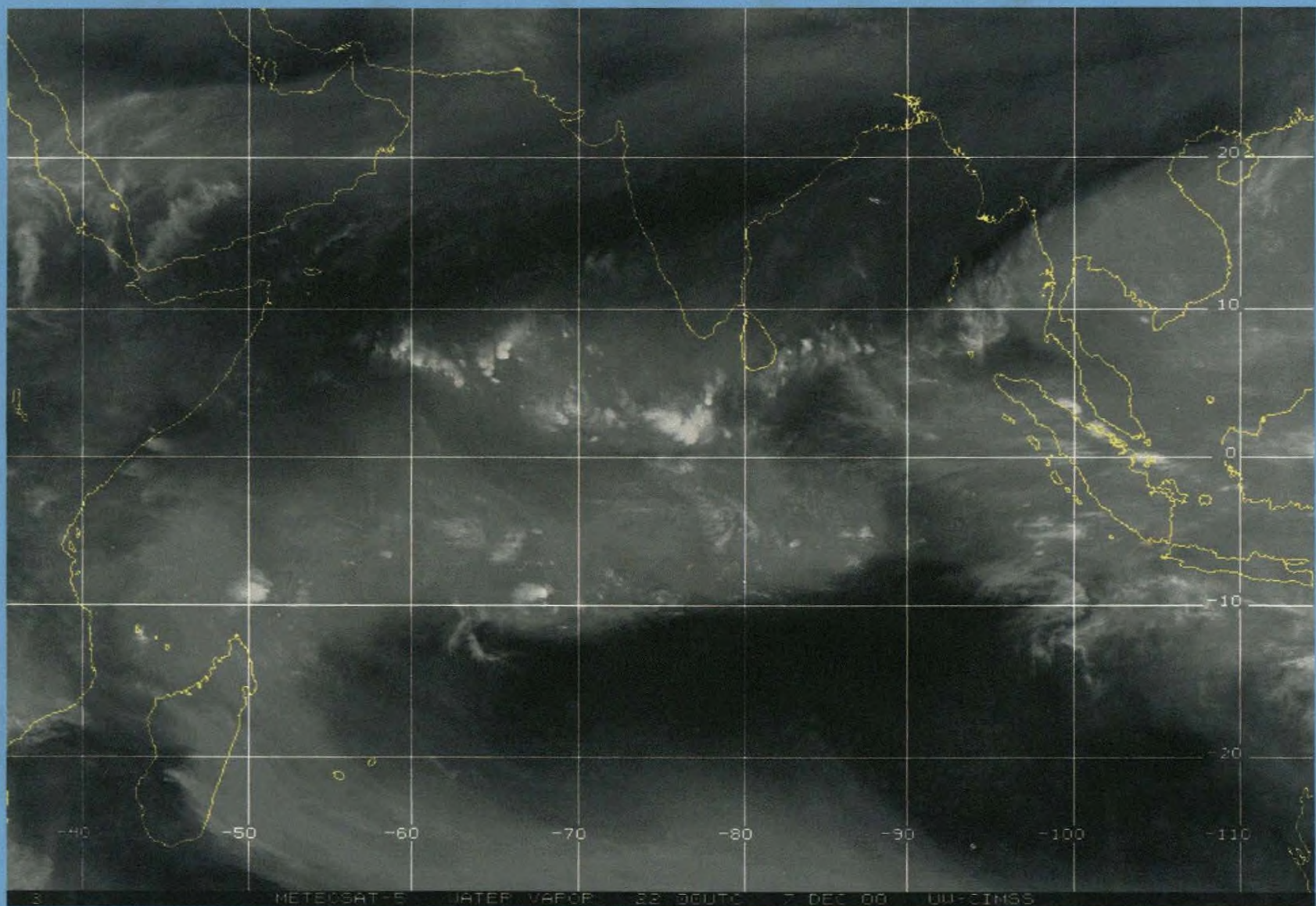


Bibliography on the Climate of Sri Lanka and Related Aspects



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Prepared with the assistance of Jayampathy Ratnayake,
Alexsandra Somasundera and the National Science Foundation, Sri Lanka

Illustration: Water vapour estimates from Meteosat-5 on 7th December, 2000 during the monsoon over Sri Lanka

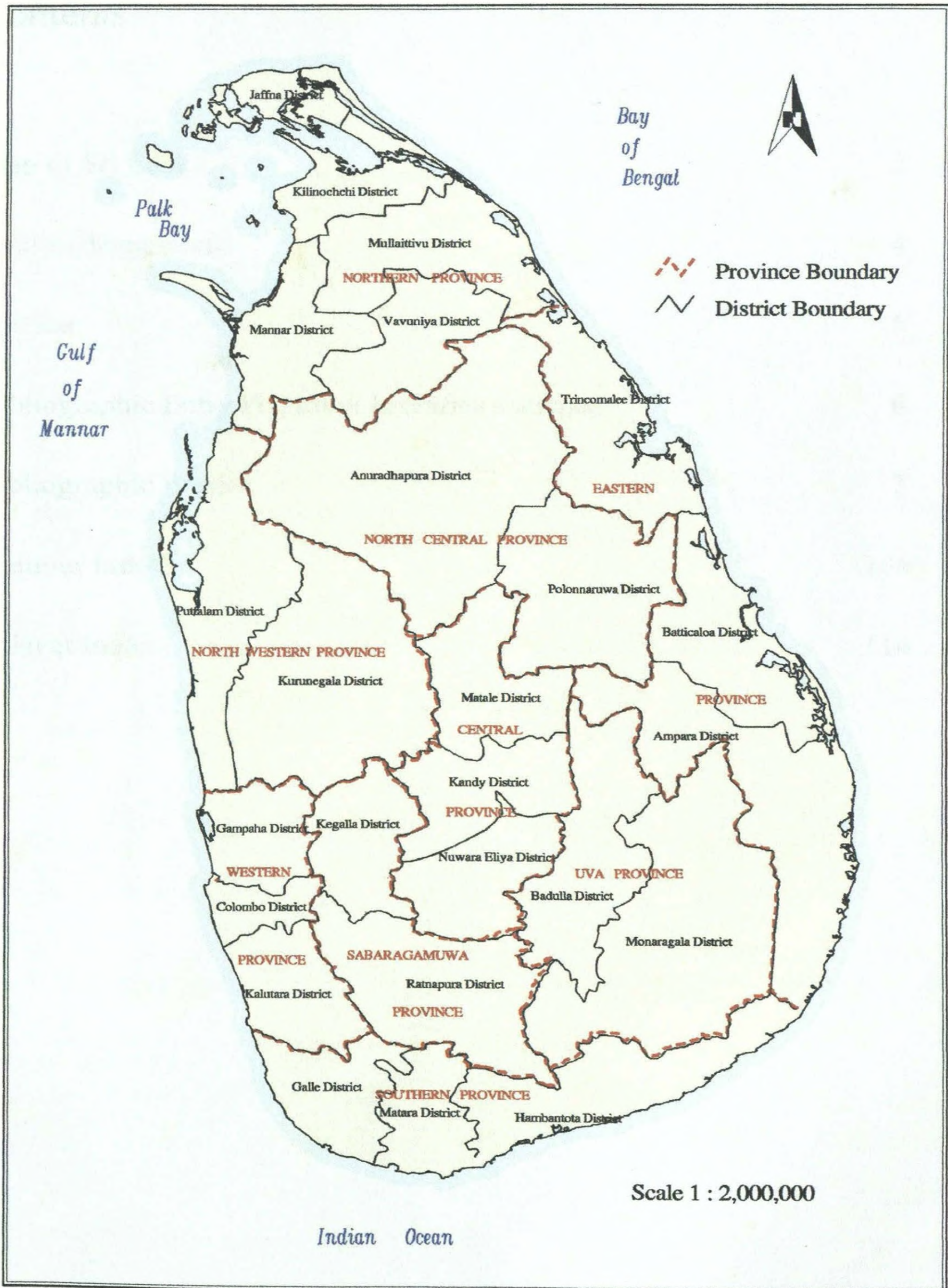
(Confidential - for NSF Review Only)

Bibliography on the Climate of Sri Lanka and Related Aspects

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Contents

Map of Sri Lanka	2
Acknowledgement	4
Preface	5
Bibliographic Entry Format & Libraries searched	6
Bibliographic Entries	7
Authour Index	106
Subject Index	114

Acknowledgement

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Preface

As a researcher who commenced work on the climate of Sri Lanka in 1997, I faced difficulties in initiating work due to the lack of information regarding literature, data records and holdings, library holdings and the work of other researchers. Over time, I collated these information. During one visit to the NSF library, I pointed out the need for a bibliography on the climate of Sri Lanka to Ms. Deepali Talagalla, the Director of Information Services who encouraged me to apply for a grant from the NSF. As there was a change of the Chair of the NSF, the evaluation of this grant was delayed by a year but it was made available so that I was able to complete the bulk of work before I left to employ at the Institute of Fundamental Studies.

Another shortcoming in the field of climate studies in Sri Lanka is the lack of networking among various researchers. To alleviate this, after consultation with several active researchers, I initiated the Sri Lanka Meteorology, Oceanography and Hydrology Network with a quarterly newsletter as its main vehicle of communication. This newsletter has now seen eleven issues and was helpful in publicizing the work related to the bibliography and soliciting for references.

Alexsandra Somasundera and Jayampathy Ratnayake were recruited for the project as Technical Assistants. We started by consulting available bibliographies and bibliographers. We wrote to established scientists requesting their personal bibliographies. The archives of Sri Lankan libraries that hold materials related to climate were searched. We were able to obtain only limited access to two important libraries, that of the National Museum and the Department of Meteorology. The museum library was being renovated and was not accessible to us. However, a member of the museum staff Ms. S. Samaradiwakara helped us obtain references. In the case of the Department of Meteorology, the library was being relocated and the materials were all bundled up. Mr. G.B. Samarasinghe, the Head of the Agrometeorology Division, who oversees the library, assisted us.

References in related fields that have a particular bearing on climate and its impacts such as in hydrology, oceanography, coastal studies, geology and agriculture were included in the bibliography. Many references on Indian and Asian climate are relevant to Sri Lanka and some of these that have a particular bearing on Sri Lanka are included here. However, no effort was made to include references that may be found in a bibliography of climate in neighboring countries.

An author index and a subject index for the bibliography was prepared. We have indexed references that have geographic specificity by province, district and location. Entries are also indexed in terms of wet, intermediate, dry and arid zones where there is explicit reference to these zones. The hydrology related references were indexed references by river basin. The agriculture related references were indexed in terms of the crops such as tea, rubber, coconut, sugarcane and rice. References related to the societal aspects were indexed under education, historical accounts and policy. The compilation of bibliography has brought to light many useful studies and sources of data that the vast majority of climate and related scientists do not refer to.

While attempts were made to find all relevant references, we know that there will be a number of references that have not been included. We hope to keep collecting these references in the future and so I will be grateful to receive correspondence on any missed or new entries.

Format for Bibliographic Entries

Accession Number of Reference

Authors:

Reference:

Key words:

The bibliographic entries are entered in alphabetical order of the names of the first author. An index of Accession numbers and author names is also provided at the end. We have attempted to identify area specific studies by locality, district and province. References related to agriculture have been keyworded by the specific crop when appropriate. References related to water resources have been keyworded by river basin as appropriate. Citations in Keyword and Author index refer to Accession Number of record.

Libraries Searched

- National Archives
- National Science Foundation Library
- Department of Meteorology Library
- National Library-Colombo
- Faculty of Agriculture-University of Peradeniya
- Main Library –University of Peradeniya
- Faculty of Engineering – University of Peradeniya
- Faculty of Science – University of Peradeniya
- Ceylon Institute of Science and Industrial Research
- National Museum Library
- National Aquatic Research Agency Library
- Coastal Conservation Department Library
- Marga Institute Library
- Post-Graduate Institute of Agriculture Library
- Institute of Engineers Library
- Institute of Fundamental Studies Library
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Key Words: rain; regionalization; variability

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Author Index

FR -
1209 -
106

- Abbay, R. A1
Abercromby, R. A2,A3
Abeyasekera, S. A4
Abeygunawardena, P. S6, V3
Abeygunawardena, T.H.D. A5
Abeyratne, E. A6 ;
Abeyratne, E.F.L. A7,A8
Abeysinghe Bandara, K.R. A14,A15,A16,A17
Abeysirigunawardana, M.D. A9
Abeywardena, V. 098,A11
Abeywicrama, B.A. A12
Abhayarathna, M.D.C. A13
Abrahm, M.C. A18
Adams, F.D. A19
Adikaram, N.K.B. A20
Ali, A.K. D222
Ali, A. J72
Alibone, T.R. A21
Alles, W.S.
A23,A24,A25,A26,A27,A28,A22
Aluthwala, P.N. S128
Aloysious, .R. A30, A31,A29
Amaradasa, N.A. A32
Amarasena, J. A23, A33
Amarasinghe, F.P. M22
Amarasinghe, N.J.D.S. U1, U2
Amarasinghe, P.H. M22
Amarasinghe, U.A. M89
Amarathunga, M.K.S.L.D. A34
Amarathunge, K.S.L.D. A35, A36
Ambalavanar, P. A37
Ameer Ali. A.C.M. A38
Amerasinghe, F.P V10
Amerasinghe, P.H. V10
Anandacumaraswamy, A. W49
Andrews, J.P. A39
Araragi, M. A40
Archibald, E.D. A41
Ariyaratne, T.R. W8,W28, S65
Arudpragasam, K.D. A43
Arulananthan, J.T. A46,A44
Arulananthan, K. A45
Arulpragasam, P.V. A47
Arumugam, S. S38, A48
Auma, E.O. A49
Ayyar, P.S.H. A50,A51,A52,A54
Baghirathan, V.R. B1,B2
Bailey, A.J. B3
Baker, R. G20
Balachandran, S. B4
Balakrishnamurthi, T.S. B5
Balasubramaniam, S. G19
Balasunderampillay, P. B6
Balendran, V.S. S38
Balfour, J.A. B7,B8,
Bamford, A.J.
B9,B21,B10,B11,B12,B13,B14,B15,A10,
B17,B18,B19,B20,D66,D67
Bandara, K.R.A. W8, S65
Barnes, R.H. B22
Barr Kumarakulasinghe, S. S62, B50
Basnayake, B.K.
B23,B24,B25,B26,B27,B28, B29,B30,B31
Bastable, H.G. R35, B32
Basu, S B51
Bell, L. B33
Bergholz, P. B34
Berrus, A.L. B35
Bhuiyan, S.I. G20
Blanford, H.F. B36
Blasco, F. L6
Blelloch, J.W. B41
Bocks B37
Bocks, S.J. B38,B39
Bouma, S.J. B54
Boyer, J. B40
Brand, S. B41
Brewer, J.D. S3
Briah, Ellis. D12, D9
Brikshavana, M. D1
Brodie, A.O. B42,B43,B44
Brohier, R.L. B45, B52
Burleigh, J.R. P32
Buch-Larsen, R.L. B53
Burns, R.V. B46,B47
Buvanasundaram, V. B48,B49
Calder, I.R. H1, H2, C1
Capper, J. C2
Carpenter, T.H. R27

Cederloef, U. A45
Chambers, R. C4
Champika, K.G.S. Y2
Chandramohan, P C26
Chandrananda, W.P.N. P46
Chandrapala, L. F16, F17, F24, C5, F26, F27, C25, C27, D224
Chang, T.T. C6
Chernogaeva, G.M. N6
Cherry, N.J. P62
Chinnappa, J.V.C. C7,C8
Coates, J.S. C9
Cook, E.K. C11
Cooray, P.G. C12,C13,C14,C15,C16,C17,C18, C19,C20
Cooray, V. C21
Costa, H.H. C22
Crawford, A.R. C23,C24
Cronan, D.S. W48
Dahale, S.D. D1
Dahanayake, K. D2,,228
Dani, K.K. M81
Dassanayake, D. T.E. D4,D5,D6,D7,D8
Dassanayake, S.W.
David, O. D9,D10, D11, D12
David, Oakly. D13
Davies, E. D14
Davies, R.W. D106, D223
Davis, C.B. P32
Dayananda, H.V. D15
Dayanthi, W.K.C.N. D16
Dayawansa, N.D.K. D17, D18
de Alwis, K.A. D19, D20
de Costa, W.A.J.M. D21
de Datta, S.K. D22, V2
de Gunasekara, A.E.C.S. D23
de Mel, I.D.T. D24,D25,D26,D27,D28,D29,D30
Department of Meteorology, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47, D48, D49, D50, D51, D52, D53, D54, D55, D56, D57, D58, D59, D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D70, D71, D72, D73, D74, D75, D76, D77, D82, D83, D84, D85, D86, D87
Department of Survey, D78, D79, D80, D81
de Rosayro, R.A. D88,D89,D90,D91,D92, D93,D94,D95,D96,56
de S. Hewavisenthi, A.C. D98
de S. Jayawardena, U. D99
de Silva D100
de Silva M.B.G. 358
de Silva, B.G.D.N.K.and others D102
de Silva, C.P. D103
de Silva, C.S. D104, D105
de Silva, E.I.L. D106, D223
de Silva, K.D.N. D107,D108,D109,D110,D111
de Silva, K.R. D112
de Silva, K.T.L. W28
de Silva, M.B.G. S96, D113
de Silva, R.P. D114
de Silva, S.H.C. D115
de Silva, S.S. C22
de Soysa, D.J. D116
de Vries, L. H7
Deepananda D100
Deraniyagala, P.E.P. D118
Deraniyagala, S.U. S131
Devanathan, M.A.V. D119
Devasena, C.K. D222
Devis, J. D120
Dewundege, P. F23, D121,D122,D123,D124, D125,D126,D127
De Zoysa A.P.K. D224
Dhale, S.D. D128
Dhanapala, A.H. S57,D224
Dhar, O.N. D209, D210, D211
Dharamaratna, G.H.P. D129
Dharmaretnam, M. T33, T34
Dharmasena J63
Dharmasena, G. T. D130,D131,D132,D133,D134, D135,D136,D137, D138, D139, D140,D141,D142, D143,D144,D145,D146,D147,D148, D149, P52, D153
Dharmasena, K.P.P. D16
Dharmasena, P.B. D150, D151, D152
Dhuruvasangary, V. D154
Dias, I.P.S. D155

Dias, P. S24, S5
Dickman, H. D156
Dingler, H. D157
Dissanayake, C.B. D158, D159
Dodwell P de Silva S66
Domroes, M. R10, D161, D162, D163, D164, D165, D166, D167, D168, D169, D170, D171, D172, D173, D174, S16, D175, D176, D177, D178, D179, D180, D181, D182, D183, D184, D185, D186, D187, D188, D189, D190, D191, D192, D193, D194, D195, D196, D197, D198, S11, D199, D200, D201, D202, D203
Don Kulasiri P60, P61, P63
Donn, W.L. D204
Drisberg, J.C. D205
Dube, S.K. R40
Dunn, C.L. D225
Durairathnam, M. D206, D207
Dyck, V.A. K17
Eden, T. E1
Ekanayake, D.T. E2
Ekanayake, L.A.D.I. E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13
Ekarathe, S.U.K. K37, A9, K38
Eriyagama, G.J. D19, E15
Evans, J.E. D68, D69, D70, D71
Everett, Ressler D11, E16
Farmer, B.H. F1, F2, F3, F4, F5, F6, F7, F8, F38, F39
Ferdinandez, D.E.F. I1
Fernando, A.D.N. F9, F10, F11, F12
Fernando, B.D.J.S. F13
Fernando, I.M.K. W8, S65
Fernando, M.S. F14
Fernando, S.N.U. F15
Fernando, T.K. F16, F17, F18, F19, F20, F21, F22, F23, F24, F25, F26, F27, F28, F29
Fernando, W.P. D224
Findlater, J. F36, F37
Finlayson, W. F30
Fischer, J. S14
Fleer, H. F31
Fonseka, H.N.C. F32, F33
Fonseka, W.S.C.A. P1
Frankel, M.H. F34
Fraser, J.H. F35
Frohle, P. S12, S13
Galagedara, L.W. G1
Galvin, C. G32
Gangoda, W. G2, G3
Gairola, R.M. B51
Gautier, C. S130
Geogre Clarke. G4, G5
Giragama, W.M.G.B. G6, G7, G8, G9, G10
Gill, C.A. G34
Glaser, R. G31
Glasspoole, J. G11
Gnanakumara, S. T35
Godaliyadda, G.G.A. G12
Gomes, C. S65
Gomez, G.E.M. G13, G14
Goonasena, H.P.M. G15
Goonawardena, A.K.V.P. G16
Goonerathne, W. G17
Gopalakrishnan, L.S. S83, S133
Greller, A.M. G19
Guerra, L.C. G20
Gunadasa, J.M. D174
Gunaratna, P.P. G21
Gunaratnam, S.C. G22
Gunaratne, A.U.K. G23, G24, R28, G25, G26, Z7, G27
Gunasena, H.P.M. G33
Gunatilleke, C.V.S. K34, G28, K35
Gunatilleke, I.A.U.N. K34, G28, K35
Gunawardena, E.R.N. K7, R35, H2
Gunawardena, H. G29
Gunawardena, H.D.S.A. G30
Gunawardene, E.R.N. B32
Hall, R.L. H1, H2
Halpert, M.S., R41, R42
Hamamori, A. H3, H4
Heelis, E. H5
Hemakumara, H.M. G12
Herath, H.M.E. S32
Hervert, R. D120
Hobbie, D. Q1
Hodges, R.C. H6
Holland, W.D. H7
Holmes, C.H. H8, H9, H10, H11
Huke, R. H13

Hung, F. H14
Ibrahim, M.N.M. I1
Ichikawa, J. Y14
Illeperuma, O.A. I2,I3,I4
Indira, K. M81
Indrapala, K. I5
Irwin. A.B. I8
Ismail, M.M. I9, I10
Israelsson, S. J58
Izumi, K.A. I11, I12, R8
Jackson, B. V2
Jackson, J.E. J1
Jafferjee Esufali, S. J2
Jambunathan, R. S80
Jameson, H.
J3,J4,J5,J6,J7,J8,J9,J10,J11,
J12,J13,J14, J15,J16,
D72,D73,D74,D75,D76, D77,J17,
J18,J19,J20, J21,J22,J23,J24,J25,J26
Janaki, A.E.K. J27
Jauhar, U.M. J28
Jayamaha, G.S.
J29,J30,J31,J32,J33,J34,J35,J36,J37,
J38,
J39,J40,J41,J42,J43,J44,J45,J46,J47,
K27, J53, J54, J50,J51,J52, J48,J49
Jayamanne, S.C. V9
Jayaratna, A.A. R9
Jayaratna, O. J55, J56
Jayaratne, K.P.S.C. C21, A35, A36, J57,
J58, W8, S65,A34, L8
Jayasena, H.A.H. J62
Jayasingham, W.I.L. J59
Jayasiri, H.B. J60
Jayathilaka, D.I.N. J58
Jayatilaka Banda, P.M. F16, F22,F26, J61
Jayatilleke, N. 903
Jayatissa, H.A.G. J62
Jayatissa, U.K.N.P. J63
Jayawardena, P.H. J64
Jayawardena, S.K. ,228
Jayaweera, K.O.L.F. J65, M79
Jayewardane, S.C. Y2
Jehangir, W.A. V1
Joachim, A.W.R. J66,J67,J68,J69, J70
John Masterton W42
Johns, B. J72
Joseph, P.V. J71
Kahawita, B.S. S12
Kamalani Senewiratne S30
Kandasami, A.P. K1, K2
Kandiah, A. K3
Kandiah, S. J69
Kane, R.P. K4
Kannangara, M.L. T. K5, K6
Kannangara, N. K7, R35
Kannangara, R.P.K. K8,K9
Kaput, A.P. K10
Kariyawasam, P.G.L. R28, G26
Karunanayake, M.M. K11
Karunaratne, D.K.R. K30
Kato, H. K12
Katulande, B.W. K13
Katupotha, J. K42, K43
Katz, M.B. K14
Kayane, I. K15, K16, S64
Keerthirathna, G.B. 646
Kindle, J.C. K44
Kishtawal, C.M. B51
Kisimoto, R. K17
Knudsen, E. J58
Kodituwakku, K.A.W. K17
Koelmayer, K.O. K19,K20,K21,K22,K23
Konradsen, F. V1, M22,V10
Kraus, E.B. K24
Kreltszheim, R.D.
K25,K26,K27,K28,K29,K30
Kularatnam, K. K31,K32,K33
Kularatne, H.A.G.C. K34, K35
Kularatne, J.D.J.S. P29
Kulasekera, R. J58
Kulkarni, A.K. D210, D211
Kumar K.V.S. K45
Kuruppu Arachi, D.S.P. K36
Kuruppu, M.M. K37, K38
Kuruppuarachchi, T.A. K39
Kyuma, K. K40,K41
Labroue, L. L1
Le Goc, M.J. L2
Leach, E.R. L3
Leaker, A. L4, A4
Legeckis, R. L15

Legrís, P. L5, L1, L6
Leiter, N. L7
Lelwala, R. W8, S65, L8
Lester, E.C. L9
Lewis, F. L10
Lewis, J.P. L11
Lexa, J. W13
Lisse Y16
Liyanaarachchi, P. S19, S20, L12, L13
Liyanage, L.M. S5
Liyanapatabendi, T. P1
Lockyer, N. L14
Maculloch. J.S.G. M1
Macvicar, J.G. M2
Madduma Bandara, C.M. M3, M4, M5, M6, M7, M8, M9, M10, M11, M91
Maeda, H. T43
Mahadeva, R. M12, M13, M14, 358
Mahindapala, R. P16
Makin, I.W. G12
Malabuyol, J. D22
Mallawatanatri, A.P. M90
Malpas, A.H. M15
Manamperi, H. de S. M16, M17
Mann, H.H. M18
Manoharan, R. M19, M79
Manuweera, L. S33
Mapa, R.B. M20, M21
Mathes, D.T. P24, P26, P29
Mathew, B. K45
Matsuno, Y. M90, M22
Mc Pherson, H.C. B40
Mendis, K D224
Messenger, P.S. M23
Metzger, E.J. K44
Mikami, T. R10, R11, R12, R20, R21
Militzer, S. G31
Miller, A.A. M71
Mitchell, K.J. M73
Miyasita, Y. M74
Mohottala, A.W. M75
Mokashi, R.Y. M76
Moormann. F.R. M77
Morishima, W. R11, R12, R21
Mosley, M.P. M78
Mosop, S.C. M79
Mosse, J.R. M80
Mukherjee, B.K. M81
Muler, M.J. M82
Muller-Dombois, D. M83, M84, M85, P30
Mulurkar, S.L. M86
Munakata, K. M87
Munasinghe, C. W33
Murakami, T. S101
Murphey, R. M88
Murray-Rust, H. M89
Mutuwatte, L. M90
Namasivayam, S. W8
Namasivayam, K.P. S65
Nathanael, W.R.N. N1
Nayak, B.U. C26
Nayakakorala Heenbanda. N2
Nayakekorale, H.B. R6
Nesiah, D. N3
Nevill, H. N4
Nieuwolt, S. N5
Nikolaeva, G.M. N6
Nkurunziza, E.R. N7
Nomato, S. Y18, Y19, Y14
Nonis, A. N8, N9
O'Dwyer, D. O1
Ohtake, T. J65
Oka, H.I. C6
Oldman, L.R. O2
Oliver, R.L. O3
Olley, D.A. O4
Opeitum, A. O5, O6, O7
Padmasiri, J.P. P1
Pallewela, P.P.D.H. P2
Panabokke, C.R. P4, D20, M77, P5, P6, P7, A6, H7, P8, P2, P71
Panchawagh, N.V. D1, D128
Pandithasekera, D.G. J70
Pandy, P.C B51
Pant, G.B. P70
Parao, F.T. Y4
Park, M. P9
Parker, H. P10
Patak, R.A. P51
Pathiraja, K B50
Pathirana, K.P.P. D16
Pathirana, R. R23

Patil, S.D. R36
Paul, W.R.C. P11
Peiris, N.D. P12
Peiris, R.A.A. P13
Peiris, T.S.G. P13, P14, P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25, P26, P27, P28, P29
Pemadasa, M.A. P30
Perera, A. P32
Perera, B. P33
Perera, E.A.M. P34
Perera, M.D.W. P35
Perera, N. P36
Perera, N.P. P37,P38,P39,P40,P41,P42,P43
Perera, P.D.A. A16
Perera, W.K.T. S2
Perera, W.M.D.S.K. S56
Peries, O.S. P44
Pittock, A.B. S118
Piyasiri, S. P45, P46
Ponnampereuma, F. P47
Portsmouth, G.B. P48
Povinadurai, D.K. P49
Powell, R.A. P50
Prasad, A. P51
Premasiri, S.M. D149, P52
Premathilake, K.G. P53
Pridham, C. P54
Priyasekera, D.G. P56, P55
Punyadeva, N.B.P. S98, P57, P58, P59
Punyawardana, B.V.R. P60, P61, P62, P63
Puvanewarane, K.M. P65, P66, P67, P68, P64
Puvirajasinghe, P. P69
Quadfasel, D. S14
Qureshi, A Q1
Raatz, W. F31
Raikes, R.L. R1
Rajapaksha, J.K. J60
Raju, V.S.J. C26
Rakecha, P.R. D209, D210, D211
Ramage, C.S. R3, R4
Ramakrishnan, A.R. S80
Ramakrishnan, K. R5
Ramanathan, K.R. R5
Ramanayake, S. R6
Ramaswamy, C. R7
Ranatunge, A.S. I11, I12, R8
Ranatunge, D.G.L. R9
Ranatunge, E.R. R10, R11, R12, R13,R14, K39, D161, R15, R16,R17,R18,R19,D162, D163, D164, D1, R20, R21, D174, D128
Ranatunge, R. R22
Ranaweera, K.K.D.S. R23
Ranaweera, M. M90
Ranaweera, M.P. T35
Ranjith Premalal De Silva W23, R24, G1, R25, D17, D18
Rasih C. R26
Rasmusson, E.M. R27
Rao, A.D. R40
Ratnasili Ratnayake A28
Ratnasiri, J., R38
Ratnayake, J. R28
Ratnayake, N. R29
Ratnayake, R. A24
Ratnayake, R.M. S61
Rawson, R.R. R30
Renault, D. G12
Renton, de Alwis. D15
Reppin, J. S14
Roberts, M. R31, R32, R33
Robothan, R. M73
Ropelewski, C.F. R41, R42
Rosier, F.W.W. R35
Rosier, P.T.W. K7
Rupa Kumar, K. R36, P70
Rupasinghe, M.S. D159
Rushton, K.R. D105
Rusinow, T. R37
Rydberg, L. A45
Sachithanathan, K. S1, S2
Sakthivadivel, R. S3, M89
Samad, M. S4
Samanthi, W.G. S5
Samarakkody, R.P. S128
Samarakoon, S.M.M. S6
Samarasinghe, J.R. de S. S7
Samayathas, K. T35
Sanmugam, T. A25
Sanmuganathan, K. K13
Santiapilai, C. S8

Sastry, P.S.N. S9
Sathananthan, S. S10
Schafer, D. S11
Scheffer, H.J. S12, S13
Schott, F. S14
Schwartz, K. S15
Schweinfurth, U. S16, S17
Schweitzer, B. v
Selvanayagam, P. C8
Selvanayagam, S. S18
Senanayake, S.G.J.N.
Senanayake, S.G.J.N. S19, S20
Senanayake, Y.D.A. S21, S22, S23
Senaratne, A. D158
Senavirathne, E.K. P28
Seneviratne, K. S67
Seneviratne, A.G.C. S24
Seneviratne, C.J. K39
Seneviratne, E.K. P27, A4, O5, O6, O7, S25
Seneviratne, G. S27
Seneviratne, G.E.S. S26
Seneviratne, K. 903, P33, S28
Seneviratne, L.W. S29
Senewiratne, R. S30
Sengupta, D. S131
Shaw, G.M. B1, D204
Sheer, J.S. S31
Shimada, J. S64
Shireen Senewiratne S30
Shirley B37
Shmidt, A. S32
Silva, E.I.L. S33
Silva, G.H. A22
Simonot, J.Y.R. S130
Simpson, G.C. S34
Singh, S.V. D1, D128
Singhvi, A.K., S131
Sinha, P.C. R40
Sirimanne, C.H.L. S35, S36, S37, S38, S39, S40
Sirinanda, K.U.
S41, S42, S43, S44, S45, S46, S47, S48, S49, S50, S51, S52
Siriwardene, P.P.G.L. S53
Siriweera, W.I. S54, S55
Sivakumar, J. S132
Smithson, P.A. P65, P66, P68
Solangaarachchi, S.M. S56
Somaratne, S. S57
Somasekaran, T. S58
Somasiri, S. S59, S60, S61
Somasundara, S.R. S62, Z8
Somerville, C.D.R.B.T. S63
Song, X. S64
Sonnandara, D.U.J. W8, S65
Sooriyarachchi, R. 903, S67
Sontakke, N.A. S129
Srinivasan, V. S80
Stern, R.D. A4
Stockdale, F.A. S81
Stocking, M. S82
Subramaniam, K.S. S83, S133
Subramaniam, S.P. D222
Sumanasekera, P. D30, D109, D110
Sumathipala, W.L. S84, S85, S86, S104, S87, S88, S105, S89, S90, S91, S92, S93, S94, S95, S96, S97, S98, P57, S24, P58, S99, S100, S101, S102, S103, P59
Suppiah, R.
S107, S108, S109, S110, S111, S112, S113, S114, Y10, S115, S116, S117, Y12, Y13, Y14, S118, Y15, Y17, S119
Swan, S.B.St.C. S122, S123
Swan B.Z. S134
Swets Y16
Szechowycz, R.W. S125, S126, S127
Tabor, A. T1
Takeda, M. T43
Tanaka, T. S64
Tasumi, M. M22
Tennakoon, P.A. T2
Tennakoon, T.M.R. J57
Tennent, J.E. T3
Thambyahpillay, G.G.R.
T4, T5, T6, T7, T8, T9, T10, T11, T12, T13, T14, T15, T16, T17, T18, T19, T20, T21, T22, T23, T24, T25, T26, T27, T28, T29, T30, T31, T32
Thangarajah, C.Y. T33, T34
Tharaneshwaran, T. T35

Thattil, R.O. P15, P16, P17, P18, P19, P20,
 P21, P22, P23, P25, T36
 Thenabadu, M.W. T39, T40
 Thirugnanasuntharan, K. T41
 Thompson, B.W. T42
 Tuong, T.P. G20
 Udayangani Fernando, P.U. U1, U2
 Udugama, P.P. U3,U4
 Urushibara, K. Y11, Y14,Y19
 Van Der Hoek, W. V1,V10, M22
 Van Der Kaay, H.J. B54
 Van Holm, L.H.J S27
 Van Kalken, T.M. G21
 Vergara, B.S. V2
 Vermillion, D. S4
 Viart, M. L5
 Vidanage, S.P. V3
 Vidya Sagar V4
 Vignarajah, N. A33
 Vijaraghavan, S. V9
 Visser, T. V5
 Vitanage, P.W. V6,V7
 Wagachchi, H.R W1
 Wagner, A. W2
 Walgama, A. P7, P2
 Walker, R.L. R1
 Walsh, R. G31
 Wanigatunga, N. W33
 Waring, F.J. W3, W4
 Warring, I. M73
 Watugala, G.K. S5
 Wayland, E.J. W5
 Weatherhead, E.K. D104
 Weerakkody, U. W50
 Weerakoon, L. 538
 Weerakoon, P. W7
 Weerakoon, S. S24
 Weerasekara, A.B. S65
 Weerasekara, B. W8
 Weerasekera, D.A. S53
 Weerasinghe, K.D.N. W9,W10,W11,W12,
 W13, W14, W15,W16,W17,W18,W19,W20
 Weerasooriya, S.V.R. D158
 Weligamage, P. W21
 Whetton, P.H. S118
 Wickramaratne, N. D158
 Wickramasinghe, A.R. T41, D224
 Wickramasinghe, L.A. W23
 Wickramasinghe, R.H. W24
 Wickramasinghe, W.C.N. W25
 Wickramasuriya, A.T.G.A. W26
 Wiersum, K.F. W1
 Wijayananda, N.P. W48
 Wijayapala, A.L. W27
 Wijayarathne, W.M.K.P. W28
 Wijedasa, N. W29
 Wijeratna, M.A. A36, A35,W30, A34, W49
 Wijesekara, N.R. S104
 Wijesinghe, L.C.A. W31
 Wijesinghe, M.W.P. W32
 Wijesuriya, W. W33
 Wijeyamohan, S. S8
 Wijeysekera, A.R.P. W34
 Wickremaratne, W.S. W47
 Wikramatileke, R. W35,W36,W37
 Wikramagamage, P. W38
 Wikramasekera, G.V. W39
 Wikramatileke, W.A.R. W40, W41
 Williams, G.D.V. W42
 Williams, W.W. W43
 Wim Van der Hock M90
 Wiyeratne, E.M.S. A45
 Wynne-Jones, T.N. W45
 Wytrki, K. W46
 Yalgama, M.S.S.B. S128
 Yamashita, S. Y18
 Yapa, K.K.A.S. Y1, Y2
 Yoshinda, T. Y3, Y4
 Yoshino, M.M. Y5,Y6,Y7,Y8,Y9, Y10, Y11,
 Y12, Y13, Y14, Y15, Y16, Y17, Y18, Y19
 Zeitlinger Y16
 Zubair, L. Z1, G23, G24, R28, Z2,Z3,Z4,
 G26, R6, A31, Z5,Z6, Z7, G27, S62, Z8,
 Z9, Z10, Z11

SUBJECT INDEX

AGRICULTURE A6, A7, A8, A11, A22, A23, A27, A29, A33, A34, A35, A36, A40, A47, A48, A49, A50, A51, A52, A53, A54, B5, B35, B40, D108, D114, D116, D150, D151, D170, D171, D174, D193, D201, D205, E1, E2, E13, F2, F3, F18, F20, G15, G17, G22, G33, J23, J59, J70, K3, K8, K12, K13, K17, K25, K26, K36, M1, M18, M20, M23, M71, M73, M87, N1, O2, O4, P4, P7, P8, P9, P13, P14, P19, P21, P27, P28, P29, P31, P32, P33, P44, P48, P51, P53, P69, R8, R31, R32, R33, S9, S18, S21, S22, S23, S27, S32, S50, S54, S55, S61, S81, S118, T2, T6, T22, T40, T41, U2, U3, V2, V3, V4, W12, W13, W16, W18, W19, W20, W21, W30, W35, W37, W39, W45, Y8, Y12, Y13, Y14, Y15, Y16

Agroforestry W1

Coconut A11, B5, D165, D197, I1, N1, P9, P13, P14, P15, P19, P21, P22, P23, P24, P25, P26, P27, P28, P29

Essential Oils -

Citronelia J70

Farming D150, P31, R2, S18,

Fertilizer S27

Fruit P51, S21, S22, S32

Garden H1, R35

Green revolution B45, F6, F7, M4, S38, S64, W32

Agricultural Management A13, D115, D146, G28, J50, L9, M9, M73, P6, R24, R25, S46, S60, U5, W1, W19, W20, Z3

Mango P51

Paddy A22, A27, A49, C4, E8, F28, L4, P32, R31, S108, U1, V3, V4, Y12, Y13, Y14, Y15, Y16

Peasant F39, L3, M8, M89

Pests T41

Plantation D166, F30, H14, M1, M18, W38

Potato A47, S6

Rubber D165, D166, D197, D201, W33

Sugar K13

Tea A34, A35, A36, D165, D166, D172, D197, E1, E13, H14, M1, M18, O4, P48, T41, V5, W30

Vegetables

beet S23

carrot S23

Yield A11, L4, N1, P9, P13, P14, P19, S27, P27, V4

AGROMETEOROLOGY A50, A51, A52, A53, A54, D108, D151, M71, P21, P22, P71, T8, W10, W11

Agroclimate D165, D172, D173, D197, I1, O2, P4, P11, P19, T22, W18, W19, W20, Y15, Y16

AIR POLLUTION D115, D158, I2, I3, I4, I5, J35, P32, R29, S33, S53, S93, S128, Z9

Also see

Atmospheric Chemistry

ATMOSPHERIC CHEMISTRY J65, P47, S33

Acid rain 12, 13, 14, 15, D158, S33, S128

Aerosols M79

Ozone J56

AVIATION D6, M13

BUILDING CONSTRUCTION

Construction D111, G4, T35

Design G4, G12, R9

Floodplain L12

CLIMATE A5, A32, A37, D156, D169, F8, I6, J48, K35, P37, P70, R36, W6, W22, W32

Climate Change B31, C3, C25, C27, D149, D154, D204, D224, F17, F24, G15, G33, M72, P24, P25, P26, P28, Q1, R11, R36, R38, S26, S57, S93, S118, V3, W30, W38, W50

Climate Prediction B50, P62

Climate Regime B21, F21, K24, K40, K41, P66, R10, R17, R18, R19, R20, R21, R22, S100, S107, S109, S113, S114, S115, S116, S127, T13, W42

Climate Variability B10, F28, G17, M74, P24, P25, P26, P28, R11, R36, S24, S25, S26, S47, S67

Regional Climate A42, S85, S91

CLIMATOLOGY D123, J15, J56, L6, T25, T28, W24, W34

Also see
Diurnal B12, J11, Z5, Z6
Koppen B3, T4, Y17
Persistence D128, D162, R15
Regionalization A24, B3, B10, B20, B21, B26, B32, B44, C12, C20, D161, D163, D164, D165, D185, D195, G19, H7, H8, H9, H10, H11, I1, J43, K23, K24, K40, K41, L10, M83, M84, M85, M90, N5, O1, O5, O6, O7, P5, P8, P11, P37, P43, P64, P65, P66, R10, R17, R18, R19, R20, R21, R22, S36, S37, S43, S45, S50, S67, S107, S109, S112, S113, S114, S115, S116, S125, S110, T4, T13, T22, W18, W42, Y17, Y9
Seasonal D185, D207, P38, P51, T1, Z5, Z6
Thorntwaite K40, K41

CLOUDS G6, J65, K25, K26, K28, K29, M79, N8

COASTS

Coastal A43, D155, P34, S12, S122, S13, S14, S63, S83
Continental shelf S63
Coral A9
Erosion B46, D150, D152, D159, S6, S82, W23, W50
Estuary A12, A45, D115, D130, N2
Lagoon S1, S2
Salinity A45, D206, D207, K37, S1
Salinity barrier D148, D153
Sand coast S123
Storm tracks B41
Tides D8, J1
Wave P34, S12, S13, S14

COMMUNICATION

Media P56, T36, T37, N8
Telecommunication G30, M12, T31, T32

CYCLONES A14, B13, B41, D9, D10, D11, D12, D13, D15, D111, E3, E5, E6, E8, E9, E11, 16, G2, G3, G4, G5, J26, J47, K2, L11, N4, R4, S78, S79, S80, S119, T19, T30, U6

Also see
Tornadoes

DATA A26, L8, M82, P34, R14, R34, S3
Data Analysis A4, A25, B2, B23, B24, B25, B26, B27, B28, B29, B30, B4, D18, D65, D78, D126, D127, D149, D151, D161, D162, D163, D164, D167, D168, D195, F19, F20, F23, F34, G1, G10, G16, G26, G9, I10, I9, J12, J13, J22, J29, J49, J5, J7, J51, J67, J68, J69, J70, K1, K30, L4, L7, M9, M11, M82, N1, O5, O6, O7, P13, P14, P15, P16, P17, P18, P19, P20, P21, P27, P33, P34, P52, P54, P60, P61, P62, P63, P64, P65,

P66, P68, R1, R10, R15, R17, R18, R19, R20, R21, R22, R24, R25, R28, R36, S3, S10, S19, S24, S25, S28, S114, S115, S116, T13, T23, W9, W10, W11, W12, W13, W14

Statistical Analysis D149, P60, P61, R17, R18, R19, R20, R21, R22

Statistics M9, P54, P64, P65, P66, P68, R10, S10, S28, S114, S115, S116, W9

DEPRESSION A10, E4, S80

Also see
Cyclones

DEPARTMENT OF METEOROLOGY, SRI LANKA A16, A42, A44, A51, A52, A53, A54, B14, B48, B49, D27, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47, D48, D49, D50, D51, D52, D53, D54, D55, D56, D57, D58, D59, D60, D61, D62, D63, D64, D65, D82, D83, D84, D85, D86, D87, D100, D101, D107, D108, D109, D110, D113, D117, E10, E11, F13, G29, G30, J29, J30, J31, J32, J34, J35, J36, J37, J38, J44, J45, J46, J47, J48, M12, M13, M14, M19, M75, P56, R4, R34, S68, S69, S70, S71, S72, S73, S74, S75, S76, S77, S124, U5, Y13

DISASTERS

Disaster relief U6
Earthslip C13, K39
Landslides J63, P2

Also see
Drought
Flood
Hazards
Lightning
Storms

DROUGHT A23, A27, A29, A36, B3, B4, B40, D17, D107, D168, D170, E13, F16, F26, F28, F29, J14, J15, J29, J49, K11, M8, P9, P69, R7, S29, S31, S40, S41, S43, S45, S49, S52, S66, S124, T5, T8, V2, W5

ECOLOGY A12, C20, D192, D196, D197, E15, F8, G28, H8, H9, H10, H11, J28, K7, K10, K19, K20, K21, K23, K38, L1, M83, 84, M85, N5, N7, P37, P38, P39, P40, P41, P42, P43, P71, U2

Alfisol K9

Birds U1, U2

Edaphic factors A34, A35, A36

Entomology K10

Flora A12, G19, L10
Insect K17, T41
Montane P30, P39
Nutrients Y3, Y4
Phonology Y8
Phytology P43
Phytoplankton D206, D207
Plankton P45, P46
Plant A20, D119, K12, K19, K20, K23, M73, N7, P44
Productivity D106, D223, K38
Tree K21, K34, K35, T51
Vegetation C14, C20, E15, F8, H8, H9, H10, H11, J27, K19, K20, K21, K23, L1, L2, L5, L9, L10, M21, M82, M83, M84, M85, N5, P37, P41, P42, P53, R35, S132, W5
Zoology P45, P46, S56
Zooplankton D106

ECONOMICS P23, P35, R33, S4, T33, T36, U3, V3, Y6

EDUCATION A37, B48, E16, J36, S90, S99

EL NINO B50, C5, E14, F16, F25, F26, P57, R27, R41, R42, S112, S116, S97, S98, T37, Y8
Also see
La Nina
ENSO

ENERGY A48, B37, B53, D141, R28, S87, S88, W34, Z5, Z6
Electricity L8, W24
Hydroelectricity B37, D141

ENVIRONMENT I7, J28, J34, S99, W24, Z3

ENSO B54, C5, F16, F25, F26, K4, P57, R20, R27, R41, R42, S94, S97, S98, S107, S109, S112, S113, S116, Y8, Z8
Southern Oscillation B50, C5, K4, P62, R20, S94, S107, S109, S112, S113, S116
Also see

El Nino
La Nina

EVAPORATION B28, D16, J66, K15, K16, S130, W15, W17
Evapotranspiration D114, J66, K13, W15, W16, W17

FISHERY A9, D206, D207, K37, S1, S2
Shrimp K37
Seine D207

FLOOD A47, B2, B7, B8, B9, B19, B46, B47, C2, D109, D110, D131, D135, D137, D138, D147, F22, F28, F35, G21, J4, J10, J18, J19, J33, J61, L12, M9, N3, N4, P10, P35, P38, P47, R9, W22, W25

FOOD G17

FORECASTING D113, D123, D129, D135, D147, J40, J50, M14, M86, P8, P62, S29, T36

FORESTRY A44, A46, B35, C14, D154, F30, G19, G28, H2, K7, K19, K20, K21, K23, K34, K35, M21, N7, P30, P38, P39, P40, R35, R37, S57, S66, S125, S126, W31
Also see
Bundala M90
Deforestation K31, K32, K33, K34, K35, R13, W38

FROST D172, D179, D192, J30

GENERAL CIRCULATION

Circulation D124, S85, S91, S92, S101, S102, S103, S104, T42, W2, Y7, Y18
Convergence J45
Also see
Wind

GEOGRAPHY B33, C17, D175, D179, D180, D188, H13, J44, J53, L2, M6, O1, O3, R30, S2, S35, S36, S37, U4,

W36, W40, W41

GIS K18

Mapping P2, P8, P41, P42, S58, S120,
W23

GEOLOGY A19, C14, C9, D99, GIS, R25,
K14, K18, M6, M90, O3, P2, S2, S63, S69,
S83, S132, S133, S134, T43, V6, V7, W32,
W47, W48

Pleistocene D118

Weathering A20, B48, J40, J42, J48,
J54

GLOBAL CHANGE A40, M74

Also see
Global warming
Climate change

GLOBAL WARMING B31, D140, F17, F24,
G15, M72, S8, S57, S93, S118, V3, W26,
W30

Anthropogenic influence P42

Also see
Global change
Climate change

GRASS K7, I1

Grassland P30, P38, P39, P40, W31

Patana N7

Savannah P40

HAZARDS C13, D9, D10, D11, D12, D13,
D15, D111, G4, J26, K39, L12, M9, N8, N9,
P2, P35, R2, S44, T19, U6, W8, Y8

Risk R2, W19, W20

Also see

Disasters

HEALTH A29, F13, M22, P67, R26, S30,
T3, V1, W45

Disease A20, K10, K12, K17, P44, T3, T41,
V5

Fluoride S30

Heat stress P67, R34

Malaria B54, D224, D225, G34, V10

Management D146

Mosquito M22

Physiognomy P41

Public health P1

WHO R26

HISTORY & CLIMATE A10, A38, B9,
B22, B42, B43, C2, C8, D65, D78, D79,
D80, D81, D108, D117, D118, D131, D136,
D138, D145, D156, D204, D205, E3, E4,
E5, E6, E8, E9, E10, E11, F9, F11, F12, F22,
F26, F29, F35, G2, G11, H5, H14, I11, I12,
J3, J4, J5, J6, J8, J13, J14, J16, J19,
J24, J26, J30, J31, J32, J37, J38, J47,
J49, J56, J61, L7, M2, M12, M80, M88,
N3, N4, P10, P12, P33, P48, P54, P59, R14,
R31, R32, R33, S40, S41, S54, S55, S58,
S77, S80, S119, S120, T1, Z10

Paleoclimate D118, G31, J3, K42, K43,
S131, S133

Philately P56

HYDROLOGY A18, A22, A25, A30, A31,
B1, B6, B7, B8, B9, B19, B28, B32, B37,
B38, B39, B45, C10, D107, D109, D110,
D120, D131, D134, D149, D154, F28, F30,
G1, H1, H2, I6, I9, I10, J5, J28, J64, K13,
K16, K25, K26, K31, K32, K33, M4, M5,
M11, M21, N6, P2, P7, P52, R9, R13, R25,
R35, S3, S5, S38, S39, S64, S121, S125,
S126, S127, T5, T6, V9, W10, W11, W22,
W32, W43, W44

Drainage J64, K31, K32, K33, K35, M5,
M10, M11, T39

Hydrographs

Intensity B11, D134, P52, R11, R21

Interception H1

Run off B37, B39, B46, H1, S5

Also see

Evaporation

Hydrometeorology

Rainfall

Temperature

HYDROMETEOROLOGY B1, B8, B52,

D25, D26, D27, D28, D29, I9, I10, J7, J8, J12, J20, J25, J33, M5, P52, R9, S3, S121, T5, W10, W11, W43

HUMIDITY B51, J23, R34, W28, Y5, Y9, Y11

Relative humidity B51, G7, J20

Also see

Moisture

INDUSTRY

Gem mining D143

Industry I8, O4, R29

Salt T24

INFRASTRUCTURE D111, G4, T35

Also see

Building construction

INSTRUMENTS

See Observations

IRRIGATION A22, A30, A31, A38, D23, D133, D136, D139, D142, F9, G12, G13, G20, K3, K36, L3, M7, M22, M80, M89, M91, R31, R32, R33, S4, S48, S49, S50, S54, S55, S61, V1, W7, W44, Z10

Irrigation simulation G14

Irrigation systems I6

LAND A13, A39, B35, B46, C13, C15, C20, D149, D150, D155, D165, D169, D173, D193, D201, F3, F4, F5, H6, H7, J66, J67, J68, J69, J70, K7, K9, M6, M11, M18, M77, M82, M83, M84, M85, N5, P4, P5, P6, P69, R13, S31, S36, S37, S82, S122, S125, T39, V6, W5, W23, W27

Landforms S83

Land use A13, F4, F5, F32, J59, W31

Settlement B6, F33, L3, W37

LA NINA C5, F25, F26, R27, R41, R42, S116, Y8

LIGHTNING A15, A17, A21, F27, J57, J58, K5, K6, L8, N8, N9, S65, T12, W8,

W24, W34

Also see

Storms

MARINE A9, D206, D207, M15

See Coast

METEOROLOGY DEVELOPMENT

Used for general policy papers A1, A50, A51, A52, A53, A54, D14, J39, J41, S84, S89, S90, T9, T11, T15, T16, T28, W16

Bibliography B35

Also see

Department of Meteorology

MODELLING A30, A31, C1, D137, F14, G14, G21, G23, G24, G25, G27, H1, H2, P26, P28, P29, P60, P61, S103, S42, S65, S67

Models C26, D119, D122, D124, D127, D135, D144, D147, G32, K44, P19, P23, P69, S5, T36, W25

Simulation A30, A31, D16, D21, D105, D114, D122, D124, D135, D137, D144, G21, G23, G24, G25, G27, P23, P26, P28, P29, P63, W25

MOISTURE C12, J66, K7, S31, S102

Also see

Humidity

MONSOONS A3, A10, A41, D106, P50, R10, R15, R16, S14, S44, S96, S101, S124, T1, W2, W3, W4, Y6

Break S96, S101

Inter-monsoon N9

North East monsoon D209, D210, D211, G24, J6, J16, M81, S7, S129

Onset of monsoons E10, R6

South west monsoon E10, G23, G25, J14, J46, J52, P61, P62, R6, R12, R19, S12, S13, T20, T29

MOUNTAIN D175, D188, H12

Also see

Orography

NATURAL RESOURCES B38, C16, L13,
M17, S60, S87, S88, W42
Management A13, J50, S46, S60, U5, Z3

NUMERICAL WEATHER PREDICTION

Automation B50, D127

Also see

Modelling

OBSERVATIONS A25, B17, B18, B22,
B23, B24, B25, B26, B27, B28, B29, B30,
B42, B44, D65, D66, D78, D79, D80, D81,
D82, D83, D84, D85, D86, D87, D125,
D127, E7, G5, G8, G9, G29, G30, H5, J17,
J51, K30, L7, L8, M12, M15, M46, M82,
P15, P20, P21, P27, P34, P54, P63, R14,
R28, S120, S65, S68, S69, S70, S71, S72,
S73, S74, S75, S76, S77, V8, W8, W33,
Y10

Balloon J24

Radiosonde D126, J12, K27, P4, P11, T22,
W10, W11

Soundings D126

OCEAN D222, J72, K42, K43, K44, K45,
L15, M15, P34, R12, R40, S83, Y1, Y2,

Oceanography A9, S63, S90

Currents D222, L15, R40

Indian ocean A3, A14, B41, D128, G3,
G18, J46, K14, L14, P57, P58, P59, S62,
S80, S97, S98, S105, S117, S130

Pacific ocean R27, T31, T32

Also see

Coastal

Marine

Sea effects

Wave

OROGRAPHY H12, J21, P68, R37, T17,
Y18, Y7, Z2, Z4

Also see

Mountains

PLUMES

See Air pollution

PRESSURE J11

POLICY

Planning B47, D132, D133, D145, F10, S51

Policy B53, C3, C4, C6, C16, D79, D80,
D81, D108, D115, D132, D136, D138, D139,
D142, D145, D146, D165, D169, D173, E16,
F3, F10, G12, G15, I7, J34, J36, J38, J50,
M4, M16, M17, M72, M78, P8, P31, P35,
P36, R23, R26, S8, S35, S81, U3, U5, Z3

Also see

History

Meteorological development

PRECIPITATION

See Hail

Rain

RADIATION B23, B24, B25, B26, B27,
B28, B29, B30, C7, C8, P59

Outgoing Longwave Radiation P58, P59,
S102, S105, S62

Radioactivity S53, Z9

RAIN A4, A10, A11, A16, A24, A25, A26,
A28, A32, A34, A35, A36, A44, A46, A47,
B1, B9, B10, B11, B12, B13, B14, B15, B17,
B20, B21, B36, B37, B39, C1, C2, C5, C6,
C10, C12, C25, D18, D109, D110, D124,
D125, D128, D129, D133, D134, D149,
D152, D158, D161, D162, D163, D164,
D167, D168, D174, D174, D195, F1, F14,
F18, F19, F20, F21, F22, F24, F25, F26,
F28, F31, G1, G7, H1, H2, H12, I2, I3, I4,
I5, I11, J4, J5, J6, J7, J8, J11, J16, J18,
J19, J25, J26, J33, J43, J44, J53, J61,
J66, K4, K24, K25, K26, K36, K39, L14,
M9, M20, N1, N9, O5, O6, O7, P5, P7, P8,
P13, P14, P24, P26, P28, P29, P30, P33,
P52, P53, P60, P61, P62, P64, P65, P66,
P68, R1, R2, R6, R10, R11, R12, R15, R16,
R17, R18, R19, R20, R21, R22, R27, R36,
R37, S5, S7, S9, S10, S19, S24, S25, S28,
S46, S50, S53, S59, S67, S91, S94, S95,

S96, S104, S107, S108, S109, S110, S112, S113, S114, S115, S116, S117, S127, T2, T13, T18, T26, T27, T29, T41, W3, W4, W9, W12, W13, W14, W23, W33, W38, Y5, Y7, Y9, Y18, Z2, Z4, Z7

REMOTE SENSING Y1, Y2

RIVERS S122

Sedimentation C26, D130, D148, D159, G32, S83, S122

SEA - EFFECTS

Land Sea breeze D121

Sea J1, S12, S13, S14

Sea level D140, D149

Sea surface temperature D206, D207, G3, P57, P58, P59, R12, R27, S62, S105, S117, Y1, Y2

Also see

Coasts

Oceans

SOCIETY & CLIMATE S4, S54, S55, S81, T33, T34, T36, V3, W7, W21, W27, W37, Y6

SOIL A6, D19, D20, D22, D152, L9, M21, P4, P47, P71, S30

SOLAR INFLUENCE B23, B24, B25, B26, B27, B28, B29, B30, C8, D112

Astronomy G29

Eclipse C8

Insolation W28

Sunshine A2, B25

Sunspot D112, T21

Solar radiation G6, G8, L14, M1, M87, P15, P20, P63, S26, T21, W28

STORMS D109, D110, J26, M75, R4, S92, S119

Storm surges D129, D135

Storm track B41

Thunder F27, N8

Thunderstorm K6, S92, T12, W34, W8

SUNSHINE

Also see

Radiation

Solar influences

SYNOPTIC METEOROLOGY

Synoptic analysis J42, J54, M86, R4, R7, S42, S85, S91, S92, S95, S101, S104

Instability S95, Y18

TEMPERATURE A39, B43, C7, C25, D122, D125, D175, D179, D192, D206, E12, F23, J9, J13, J30, K1, K37, L14, M87, P4, P5, P47, P67, R34, R36, S1, S7, S117, T1, T14, W15, W16, W17, Y5, Y9, Y11

Thermal diffusivity A39

TORNADO S86

TOURISM B48, D196, F15, W45

WATER RESOURCES B52, C10, D132, D133, D145, D149, F10, F33, F38, F39, I6, K27, K36, M3, M10, M78, M89, M91, P45, R24, R25, S3, S127, S20, S29, S40, S41, S45, S51, S54, S55, W43

Ground water D30

Lake D115, D223

Limnology D106, F33, P45, P46, S56

Management D115, D146, P6, R24, R25, W1

River D115, D130, D144, P32

River basin D79, D80, D81, D139, D141, F30, H6, I9, I10, K31, K32, K33, K34, K35, L12, M3, M10, M16, R9, S3, S126, S127, S20, S82, W12, W13, W14, W22, W43

Water A6, A18, B38, B40, B45, C4, D136, D142, D146, F1, G20, H3, K8, K16, L9, M16, M17, M74, N6, P7, P12, P36, R26, S20, S30, S35, S36, S37, S43, S45, S47, S48, S51, S56, V2, W1, W22

Water management G13, G14, M22, M78

Water quality D115, D158, I2, I3, I4, I5, P32, P36, P45, P46, P47, R29, S53, V1, V9

Water supply D146, D153, D99, F1, P12,
S39, S47, S48, S49, S50, V1, V6, W32
Watershed D132, D141, L13
Well M7

WEATHER MODIFICATION J55, K27,
M79

WETLAND P32, W22, W26

Bundala M90
Villu P38

WILD LIFE S66

WIND A48, B17, D121, D127, E2, G23,
G24, G25, G26, G27, J21, M1, R6, R28,
R40, S86, S102, T17, T35, Y5, Y9, Y11,

Y19, Z5, Z6, Z7
Easterly jet M76
Easterly waves A16
Foehn J21, T17
Jet F36, F37, F71, W46
Kachchan winds J21, S116, T17, Y19
Turbulence M19
Upper air A1, A15, A16, A17, B12, B13,
B15, D126, F27, F31, J11, J24, J35, J57,
J58, K5, K28, K29, M76, M81, N4, P50, R3,
R4, R5, S7, S86, S104, S116, S119, S86,
T7, T12, T19, T26, T27, T42, W8, Y18
Windbreaks E2
Wind energy B53, Z7
Also see
General circulation

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