

Swan River (Perth).
 Lightkeeper, R Yaldwyn
 Wyndham.

Wharfinger, F Johnston

COMMONWEALTH LIGHTHOUSE SERVICE.
 J J Arey, dist officer, Cliff st, Fre.
 Breaksea Island.

Head Lightkeeper, R W Howe
 Assistants, B Bishop & H Fowles
 Busselton.

Lightkpr, E Tonkin (also State Lightkpr)
 Cape Inscription.

Lightkeeper, W E Chessher; Asst, P T
 G Baird

Cape Leeuwin.

Head Lightkeeper, J J Lyons (also Ship-
 ping Master for State at Pinders
 Bay); Assistants, D Milner, E McDon-
 ald & H R Rowe.

Cape Leveque.

Lightkeeper; A Jempex; asst, D McFar-
 lane.

Cape Naturaliste.

Head Lightkeeper, P Baird; assts, C J
 Abercrombie & H Harrington.

Gantheume Point (Broome).

Lightkeeper, S P Anderson (also Light-
 keeper for Entrance Point under
 State)

Geraldton

Pilot, W Miller; Lightkeeper, P Moore,
 Geo Ramage; Asst, E J Cunningham
 Jarman Island (Cossack).

Lightkeeper, H T Pearce; Asst, J Tur-
 ner

N West Cape.

Acting Lightkeeper, F Hill

Point Cloates.

Lightkeeper, P E Stuart; Asst, F Langer
 Rottnest.

Lightkeeper, H Smith; Asst, A D Mc-
 Eachern; Lightkeeper, Bathurst Pt
 (Rottnest), G Waters

**IMMIGRATION & GENERAL INFOR-
 MATION BUREAU.**
 20 Beaufort st, Perth.

Secretary, A O Neville

Immigration Agent, Fremantle, I Craw-
 cour

Immigrants' Home, Fremantle, A Ma-
 lone, officer-in-charge

The address of the Agent-General for
 Western Australia is 115 Strand, Lon-
 don

LICENSES.
 See end of Directory.

MEDICAL DEPARTMENT.
 See Medical Directory.

ASTRONOMICAL DEPARTMENT.
 Office—The Observatory, Mount Eliza,
 Perth.

Government Astronomer—H B Curlewis,
 L.A., F.R.A.S. (actg)

Acting First Asst—G Nossiter

Astrograph Observer & Mechanic—C S
 Yeates

Astrograph Asst & Librarian—Miss P
 Williams

Astrograph Messengers—Misses M Har-
 vey, E G Allen, & I Totthill

Caretaker—H Skinner

Time.

Australian Standard.

On varying dates in the year 1895 the
 hour-zone system of time was adopted
 by the Australian States. The fol-
 lowing particulars give the time (in
 relation to Greenwich mean time),
 which has been fixed upon as stand-
 ard time in the respective States:—
 Western Australia, mean time of long.
 120 deg E, equivalent to 8 hrs E of
 Greenwich, i.e., 8 hours before Green-
 wich

South Australia, mean time of long.
 142½ deg E, equivalent to 9½ hrs E
 of Greenwich, i.e., 9½ hours before
 Greenwich

Tasmania, Victoria, N S W & Queens-
 land, mean time of long. 150 deg E,
 equivalent to 10 hrs E of Greenwich,
 i.e., 10 hours before Greenwich

New Zealand, mean time of long. 172
 deg E, equivalent to 11½ hrs, E of
 Greenwich

POLICE DEPARTMENT.
 Beaufort st.

Commissioner—Robt Connell
 Secretary—T Kelly

District Officers.

Metropolitan District—J McKenna, chief
 Perth (City Police)—F G J Mitchell,
 sub-inspector

Roebourne & Kimberley Districts—E O
 Drewry, inspector

Donkey Creek—T G Holmes, Inspur
 Fremantle Dist—W C Sellenger, Inspur
 Kalgoorlie Dist—M O'Halloran, sub-in-
 spector

Sub-insur in chg of Criminal Investiga-
 tion—Walter G Wood

South-West Dist—M H Brophy, Inspur
 Eastern Dist—T Houlahan, sub-insprtr
 Albany—Jas Duncan, sub-insprtr

PRISON & GAOLS DEPARTMENT.
 Head office—Perth.

Comptroller-General of Prisons—F D
 North, C.M.G.

Clerks—C H Napier & Allen Woodbridge

Fremantle Prison.

Superintendent—H Hann
 Chaplains—Rev A Howard (C E) & Rev
 E Callan (R C)

Surgeon—Dr D E Williams
 Chief Warder—G Dymock

Prison Warders—R C Woods, H Jar-
 vis, J Proul, J E Davey, E Lamperd,
 D Hamilton, D McLaren, J T Munro,
 & F Christie

Matron—E G O'Neill

Fremantle.

Chief Clerk & Keeper of Records—F G
 Townsend

Storekeeper—H A Herbert
 Clerk—A S Cumming
 Storeman—S M Rooke
 Messenger—M Foley

Police Gaols.

Bridgetown—Gaoler, D McVea
 Busselton—Gaoler, Wm Cahill
 Collie—Gaoler, J S Edmondson
 Derby—Gaoler, A West
 Lawlers—Gaoler, D Buckley
 Kalgoorlie—Gaoler, Wm Lacey
 Leonora—Gaoler, J S Foulkes
 Marble Bar—Gaoler, J A Lyons
 Menzies—Gaoler, J Harris
 Newcastle—Gaoler, Thos Kennedy
 Northam—Gaoler, W Tormey
 Onslow—W Walsh
 Perth—Gaoler, John S Simpson
 Southern Cross—Gaoler, H G Spedding-
 Smith

Wyndham—Gaoler, Wm Douglas
 York—Gaoler, J Stewart

Gaols

Albany—Gaoler, B Hodges; Matron,
 Mrs Hodges; Medical Officer, Dr G H
 S Blackburne

Broome—Gaoler, A T Badger; Matron,
 Mrs Badger; Warders, G E Gilman
 & Henderson; Medical Officer, Dr
 J S Yale

Bunbury—Gaoler, W J Wilkin; Medical
 Officer, I J Flynn

Carnarvon—Gaoler, G J Scott; Matron,
 Mrs G J Scott; Medical Officer, V H
 Gordon

Geraldton—Gaoler, C E Compton; Mat-
 ron, Mrs Compton; Medical Officer, I
 M T Hungerford

Roebourne—Gaoler, T G Anderson; War-
 der, D Naughton; Medical Officer, Jno
 Mansuell

ROTTNEST PRISON.

Medical Officer—D E Williams
 Officer in chg of gaol—J J Pond
 Warders—A Buckmaster, S W Dale, &
 T Bolger

STATE LABOUR BUREAU.
 35 Pier st, Perth.

Secretary—Jas B Hitchins

Branches at Fremantle, Northam, Kel-
 legher, Kalgoorlie, Moora, Gerald-
 ton, York, Beverley, Narrogin, Waglan,
 Katanning, Albany, Bunbury, &
 Bridgetown

REGISTRY DEPARTMENT.
 Registrar-General's Office.
 Cathedral avenue, Perth.

Registrar-General & Government Sta-
 tistician, Malcolm A C Fraser; De-
 puty Registrar-General & Deputy
 Government Statistician, W Steinhilber;
 Revenue Clerk, R M Eades; Dist
 Registrar of Births, Deaths, & Mar-
 riages, Perth, J A Carter; Deputy
 District Registrar, Perth, E G Sem-
 mens

**GOVERNMENT STATISTICIANS
 OFFICE.**
 Cathedral avenue, Perth.

Government Statistician—Malcolm A C
 Fraser
 Deputy Government Statistician—W Ste-
 inhilber
 Asst Compilers—W Morrison & J E F
 Evans

Publications—"Statistical Register,"
 "Monthly Statistical Abstract,"
 "Quarterly Vital Statistics," "An-
 nual Vital Statistics," & others

AGRICULTURAL DEPARTMENT.
 See Pastoral Section.

STATE TAXATION DEPARTMENT.
 605 Wellington st, Perth.

Commissioner of Taxation—Edgar T
 Owen
 Chief Income Tax Assessor—T Naud-
 vell

Asst Income Assessors—G E Foulkes,
 E Latham, W Peck, C H W Edmondson,
 L J Ljssel, W Summers, H H Byers,
 & A P Ewens

Land Tax Assessors—A H Ashmead &
 R McDonald
 Accountant—F A Woodman
 Sub-Accountant—A W Butler
 Corresp & Records Clerks in chg—H
 Plopie, E B Brett, & 55 clerks

LANDS & SURVEY DEPARTMENT.
 Cathedral avenue, Perth.

Hon Minister for Lands, Hon W D
 Johnson, M.L.A.

Administrative.

Under Sec for Lands, R C Clifton,
 I.S.O., J.P.; Senior Assistant to In-
 der Sec, C G Morris, J.P.; Assistants
 to Under Sec, H Hummersley, J.P., &
 J T Conway; Clerks to Under Sec,
 G H Whitson, E T Hosken, & P C
 Downey; Editing Clerk (vacant);
 Staff Clerk, Gilbert Smith; Relieving
 Officer, A W Halligan; Telephone At-
 tendant, Miss W M Taylor

Records.

Clerk in Chg, A E Spencer; Clerk 2nd
 in Chg, A T Ratten; Clerks, E C Ar-
 nold, G F H Eblot, J P Kivwan, H E
 Smith, I Sehenberg, S W Hicks, G P
 Mathen, J P Wilson, & L M Alexan-
 der

Correspondence.

Clerk in Chg, A R T Brown; Clerk to
 Minister, B J Watson; Clerk Assis-
 tant, J Walker; Clerks, L H Jago, W
 B Hayward, A E Upton, M H D Don-
 aldson, A E G Turner, M James, M
 Gibson, E Andrade, E Connolly, E W
 Jones, E T Lindley-Coven; Junr Clk,
 F C Winter

Accounts.

Accountant, G W Simpson; Sub-Acct,
 R G Courtenay (acting accountant);
 C C Pay Office, H P Miller; Statisti-
 cal Clerk, A T W Johnson; Clerks,
 P H Bradley, F W Hogan, R T Legge,
 W H Lappin, O R Turton, F A Soke,
 J I Moody, W R Neal, J Paterson,
 F J Harris, H R Stempel, H R McIn-
 tosh, C S Haughey, S D Gomme, G W
 Smith, J A Ridd, J S Munster, A E
 G McGregor, W G Thomas, P J
 Barlett, T L Brown, W Graham, C
 Keane, R Cook, Miss R C Dixon, Jun
 Clerk, F C Smith

Land Selection Branch.

Clerk in Chg, T H Cooper; Clerk Asst,
 F G Highman; Clerks, P E Chittie-
 borough, E Hyman, D M Brown, W
 Kincaid, H J Richter, W B G Appleby,
 E E Ford, H F Moody, E S Luce-
 combe, W J Cuthbert, P Robinson, A
 Waterland, D P Gallagher

REGISTRY DEPARTMENT.
 Registrar-General's Office.
 Cathedral avenue, Perth.

Information Branch.

Clerk in Chg, H W Gibbs, J.P.; Clerks,
 P G Wicken, C H Metz, M C Donald,
 H C Pearce, N A Young

Inspection & Land Board.

Clerk in Chg, J M Barry; Clerks, J
 Lyall, J O McSamara, H R Bristol,
 J S Kerruish, F J M McAdam, H M
 Moorhouse, F E Murphy, D M Ryan

Registration of Deeds.

Clerk in Chg (vacant); Clerk, Actg.,
 R J Montgomery; Clerks, W S How-
 era, G H Thomson, H S Francis, W
 C Bradshaw

Roads & Reserves.

Clerk in Chg, W P Odell; Clerk, C A R
 Hill; Draftsman, C L Bradlock; Clks,
 D A Grant, E S Bott, D E Norman,
 J A Child, P J Kavanagh, N G Wright

Plan Records.

Clerk in Chg, W T Cotton; Clerks, A
 Cooper, L G W Farmer, J H Gordon,
 J G Coskry, J J Davidson

District Lands & Surveys Office.

Bridgetown Dist.—Dist Surveyor, F S
 Brockman; Draftsman, Computers,
 J O'Dwyer, Chas Lavery, C W Read,
 A E Blakers, R A B Taylor; Clerks,
 S F Cook, A Lindsay; Inspector, H
 St B More

Surveys.

Surveyor-General, F S Brockman (act);
 Asst to Surv-Gen, W Rowley; Inspect-
 ing Surveyors, S E Smith, J A Hall,
 G M May; Surveyors, R M Mannes,
 T S Parry, W R Campbell, Jas Hicks,
 General Drafting Division, ch Drafts-
 man, J Hope; Snr Draftsman, G V
 Dean; Draftsmen, W W Farrington,
 A A McAvillie, J V Roebuck, A E
 Parry, A G Reid, D Leahy, W H Har-
 vey, H Sanders, B A Bell, R Parsons;
 Junior Draftsmen, W J Kirkby, A G
 Henville, W E G Saller, "B" Sec-
 tion—Senior Draftsman, G J Murray;
 Draftsmen, A H Taylor, F R Cooper,
 H St J Brindson, M Sloss, A C Tead;
 Junior Draftsmen, G V Abornson, J
 W McCarthy, A Graham, J M Ryan

Deeds Br.

Clerk in Chg, W U Ker; Draftsmen, A
 M Hall, E S W Fordham, H Turner,
 C A H Hall, V C L Story, J W Moore;
 Clerks, D W Ker, A Kidd, T P Prender-
 gast, G G Doonan

Standard Plans Br.

Draftsmen in Chg, N S Bartlett; Drafts-
 men, E P Richards, H Calder, T
 Schmidt, C A Wilde, B G Bolt, V L
 Arnold, G W Paris, A W Bassett, P
 J Hawkins, D Freeman, J Graham, A
 Ferguson, A H Castles

DEPARTMENT OF MINES.
 Hay st, Perth.

Minister for Mines—The Hon P Collier,
 M.L.A.

Secretary for Mines—H S King
 State Mining Engineer—A Montgomery
 Asst Under Sec—M J Calanchini

ACCOUNTANTS BRANCH.
 Accountant & Collector of Mining Reven-
 ue—Jno Burns
 Sub-Accountant—F P Andrea

CORRESPONDENCE & RECORD BR.
 Record Clerk—A B D'Arcy
 Clerk to Minister—W Deans

SURVEY & DRAFTING BRANCH.
 Inspecting Surveyor & Chief Draftsman
 —T J Breen

REGISTRATION BRANCH.
 Registrar—S Roberts
 Asst Registrar—H W Jones
 Statistical Clerk—W M E Anderson

ASHBURTON GOLDFIELD.
 Warden—A Adams (acting); Mining
 Registrar, C Parsons

BROAD ARROW GOLDFIELD.
 Warden, P L Gibbons; Deputy Mining
 Reg, Ora Banda, A J G Browne

COOLGARDIE GOLDFIELD.
 Warden, W A G Walter (acting); Min-
 ing Registrar, L R Skevington (acting);
 Inspector of Mines, J Crabb

EAST COOLGARDIE GOLDFIELD.
 Warden, W A G Walter; Mining Regis-
 trar, F W Spence; Inspur of Mines, W
 F Greenard, P Phoenix, W Hutchin-
 son, E Gourley; Inspur of Mchry,
 B Pryn Jones & P G P McCallloch;
 Draftsman, J N Harcourt

NORTH COOLGARDIE GOLDFIELD.
 Warden, P L Gibbons; Mining Regis-
 trar, Menzies, T H Hannah; Mining
 Registrar, Rookynie, G E Forbes; De-
 puty Mining Registrars, Mulling, C E
 K Smith; Yarrl, J Leibold; Lunden,
 W J Wright

N E COOLGARDIE GOLDFIELD.
 Warden, W A G Walter (acting); Min-
 ing Registrar, M B D'Amieda

DUNDAS GOLDFIELD.
 Warden, W A G Walter (acting); Min-
 ing Registrar, E J Jacob

GASCOYNE GOLDFIELD.
 Warden, C D V Foss (acting)

KIMBERLEY GOLDFIELD.
 Warden, F W Tuckett (actg)

MOUNT MARGARET GOLDFIELD.
 Warden, P L Gibbons; Mining Regis-
 trar & Draftsman, Mt Morgans, F H
 Gregory (actg); Mining Registrar,
 Laverton, W Davis (actg); Mining
 Registrar, Leonora, J Simpson; In-
 spector of Mines, H P Rockett; Deputy
 Mining Registrar, Burtville, J S
 O'Loughlin

MURCHISON GOLDFIELD.
 Warden, L L Crockett; Mining Regis-
 trar, Cue, A B Smith (actg); Clerk,
 Cue, A B Smith; Mining Registrar,
 Mt Anglem, P Finister (actg); De-
 puty Mining Registrar, Nanning, J J
 Ryan; Mining Registrar, Meekatharra,
 A Frappell; Inspector of Mines, W J
 Deebie

EAST MURCHISON GOLDFIELD.
 Warden, T Y A Lang (actg); Mining
 Registrar, Sandstone, C B Marshall;
 Mining Registrar, Wiluna, R W M
 Kolls; Inspector of Mines, A W Win-
 zar

PEAK HILL GOLDFIELD.
 Warden, L L Crockett (actg); Mining
 Registrar, E P Thorley; Deputy Min-
 ing Registrar, M Egerton

PILBARRA GOLDFIELD.
 Warden, P C Riches; Mining Registrar,
 Marble Bar, J Scrymgeour; Mining
 Registrar, Nullagine, R W Hope
 (actg)

WEST PILBARRA GOLDFIELD.
 Warden, J Mansuell (actg); Mining
 Registrar, Roebourne, J Mills (actg)

YALGOO GOLDFIELD.
 Warden, L L Crockett (actg); Deputy
 Mining Registrar, P Hamilton; De-
 puty Mining Registrar, Paynes Field,
 E Wann

YILGARN GOLDFIELD.
 Warden, W A G Walter (actg); Mining
 Registrar, A Phelps; Deputy Mining
 Registrars—Westonia, J L Finch,
 Marvel Loch, J McGrath; Bullfinch,
 A McGillivray

COLLIE COALFIELD.
 Warden, W L Owen; Inspector of Mines,
 R McVee

GREENBUSHES TINFIELD.
 Warden, W L Owen; Mining Registrar,
 W Dawson

PHILLIPS RIVER MINERAL FIELD.
 Warden, A G Chilton

NORTHAMPTON MINING DISTRICT.
 Warden, R Gee, Geraldton; Acting Min-
 ing Registrar, J McDonald, Northamp-
 ton

SCHOOL OF MINES OF W A (KALG).
 Director, F B Allen; Assistant Director,
 P Hutten; Lecturers, D McQuinn,
 B H Moore, C O G Laroche, M Cou-
 lomb, & C L H Bricher; Sec, W H
 Wilshear

PUBLIC BATTERIES BRANCH.
 Hay st, Perth.

Superintendent of State Batteries, A M
 Howe; Inspector, D F Browne

MACHINERY BRANCH.
 Barrack st, Perth.

Chief Inspector of Machinery, C J
 Mathews; Inspectors, J Stone, H L
 Gill, D F Booth, W Churchill, & E P
 Lee

EXPLOSIVES & ANALYTICAL BRANCH.
 Wellington st, Perth.

Chief Inspector of Explosives & Gov-
 ernment Analyst, E A Mann; Asst
 Analyst, C E Stacey; Clerk in Chg, F
 H Maslin; Asst Inspur of Explosives,
 T N Kiron; Analysts, S G Palmer,
 W Geary, F J Mallock, A J Howe,
 V S Rawson, W G McKechnie; Govt
 Magazine, Woodmann Point; Chief
 Magazine Keeper, H B Chalmers

**WATER SUPPLY, SEWERAGE, &
 DRAINAGE DEPARTMENT.**
 Head office, 56 James st, Perth

Administrator, Hon Philip Collier,
 M.L.A.; Minister for Works; Under
 Secretary & Chairman of Rights in
 Water & Irrigation Commission, H C
 Tretlowan; Engineer, Assistant
 Under Sec & Sec of Rights in Water
 & Irrigation Commission, G C Hay-
 wood; Accountant, G H Long; Asses-
 sor, E E Coppling; Sub-Accountant,
 D E McKinlay; General Clerk, W S
 Andrew; Correspondent, Clerk, J P
 Goodwin; Staff Clerk, H W Gibson;
 Chief Draftsman, E C B Bone

Branch Offices.

Clerk, Northam, H W Serjeant; Manag-
 ing Clerk, Kalgoorlie, C M Alken-
 head; Clerk in Chg, Day Dawn, J M
 Rogers

Geotechning Division.

Goldfields Section—Engineer, Goldfields
 Areas, P O'Hrien, M.L.C.E.; Manly
 Supt, G R W Hawke, M.L.C.E.; Asst
 Supt, W H J Lewis; Dist Engrs,
 Kalgoorlie, N McQueen, M.L.C.E.;
 Southern Cross, G B Law, A.M.I.C.E.;
 Northam, J Parr, A.M.I.C.E.; Mur-
 chison Dist, J P Keane (actg); Asst
 Engrs, W K Weller, J Broomhall, G
 D MacCabe

Metrop Section.—Engineer, Metropolitan
 Areas, P W Lawson, M.L.C.E.; M.L.C.E.;
 Asst Engrs, W L Aitken, J E B
 Nobbs, A E Hopkins, A J Hillman,
 G M Griffin

Agricultural Section.—Engineer, Agri-
 cultural Areas, H Odham, M.L.C.E.;
 Asst Engrs, W L Aitken, A.M.I.C.E.,
 G F Hickson, M.L.C.E., H C Castilla,
 A.M.I.C.E., H Brezenger, A J Neu-
 stahr, H G Atwell

GEOLOGICAL SURVEY.
 Head Office, Beaufort st, Perth.

Govt Geologist—A G Maitland
 Asst Geologists—H P Woodward
 Petrologist—H A Parquharson
 Geologists—T Blatchford, J T Jutson,
 H W B Talbot, E de G Clarke, F R
 Fouldmann, & C S Duman
 Mineralogist & Chemist—E S Slonson
 Clerk in Chg—P J Atkins

PUBLIC WORKS & INDUSTRIES DEPT.
 Minister, Hon W C Angwin, M.L.A.

Under Secretary's Office.

The Barracks, St Geo ter, Perth.

Under Secretary, C A Munt; Asst Under
 Sec, H W Stanley Law

Accounts & Pay Office.

Accountant, H H Brodribb

ARCHITECTURAL DIVISION.
 Chief Architect—H Beasley

ENGINEERING DIVISION.
 Engineer-in-Chief, James Thompson,
 R.E., M.L.C.E.
 Asst to the Engineer-in-Chief, R A
 Rolland