

WMAP Cosmological Parameters

Model: wcdm+mnu

Data: wmap9+snls3+bao

$10^9 \Delta_{\mathcal{R}}^2$	2.439 ± 0.089	H_0	69.9 ± 1.6 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5749 \pm 35 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14184 ± 104 Mpc
$d_A(z_*)$	14018 ± 105 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.57 ± 0.14
η	$(6.14 \pm 0.12) \times 10^{-10}$	k_{eq}	0.00999 ± 0.00026
ℓ_{eq}	140.1 ± 2.7	ℓ_*	302.39 ± 0.62
$\sum m_\nu$	< 0.72 eV (95% CL)	n_b	$(2.521^{+0.051}_{-0.050}) \times 10^{-7} \text{ cm}^{-3}$
n_s	0.968 ± 0.011	Ω_b	0.0459 ± 0.0022
$\Omega_b h^2$	0.02245 ± 0.00045	Ω_c	0.234 ± 0.011
$\Omega_c h^2$	0.1144 ± 0.0035	Ω_Λ	0.712 ± 0.012
Ω_m	0.288 ± 0.012	$\Omega_m h^2$	0.1407 ± 0.0030
$\Omega_\nu h^2$	< 0.0077 (95% CL)	$r_s(z_d)$	152.2 ± 1.1 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.3428 ± 0.0057	$r_s(z_d)/D_v(z=0.2)$	0.1862 ± 0.0026
$r_s(z_d)/D_v(z=0.35)$	0.1113 ± 0.0013	$r_s(z_d)/D_v(z=0.44)$	0.0913 ± 0.0010
$r_s(z_d)/D_v(z=0.54)$	$0.07698^{+0.00082}_{-0.00081}$	$r_s(z_d)/D_v(z=0.57)$	0.07371 ± 0.00077
$r_s(z_d)/D_v(z=0.6)$	$0.07079^{+0.00073}_{-0.00074}$	$r_s(z_d)/D_v(z=0.73)$	0.06100 ± 0.00061
$r_s(z_*)$	145.63 ± 0.96	R	1.753 ± 0.011
σ_8	0.775 ± 0.057	$\sigma_8 \Omega_m^{0.5}$	$0.416^{+0.030}_{-0.029}$
$\sigma_8 \Omega_m^{0.6}$	0.367 ± 0.026	α_{SNLS}	1.43 ± 0.11
β_{SNLS}	3.26 ± 0.11	A_{SZ}	< 2.0 (95% CL)
t_0	13.89 ± 0.11 Gyr	τ	0.088 ± 0.013
θ_*	0.010389 ± 0.000021	θ_*	$0.5953 \pm 0.0012^\circ$
τ_{rec}	283.4 ± 1.8	t_{reion}	444^{+63}_{-64} Myr
t_*	375358 ± 3013 yr	w	$-1.128^{+0.084}_{-0.085}$
z_d	1020.3 ± 1.1	z_{eq}	3276^{+85}_{-86}
z_{rec}	$1088.44^{+0.67}_{-0.68}$	z_{reion}	10.6 ± 1.1
z_*	1091.27 ± 0.67		